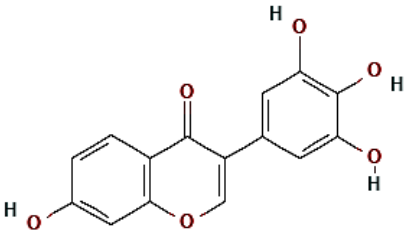
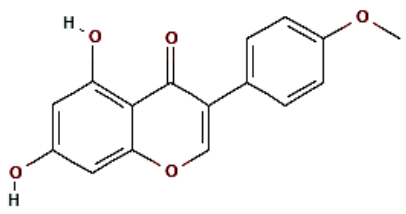
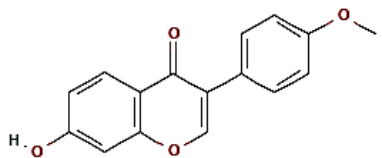
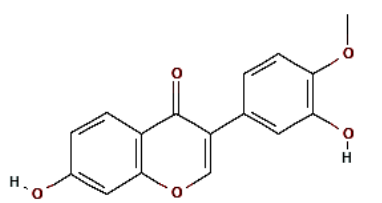
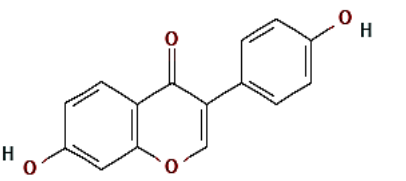
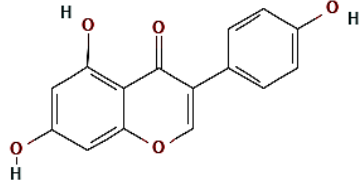
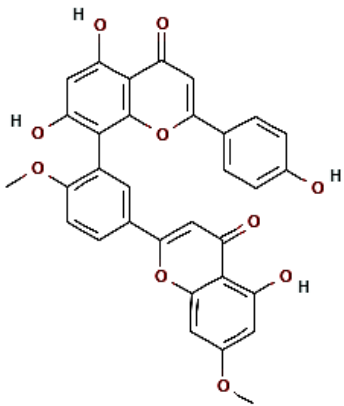
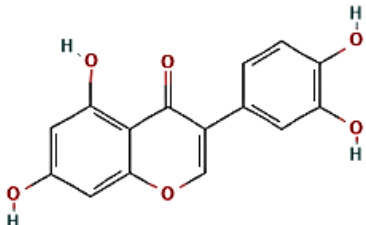
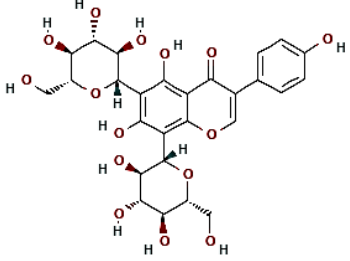
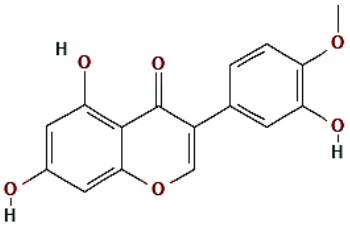
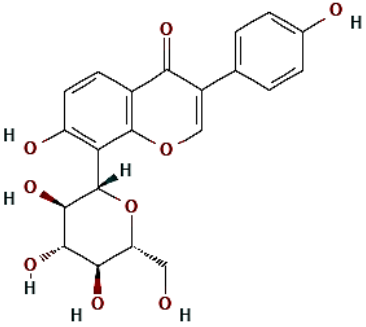
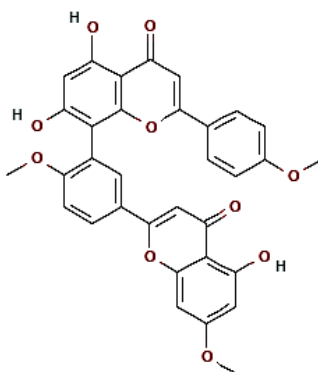
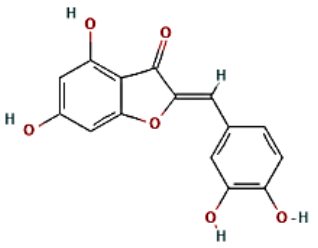


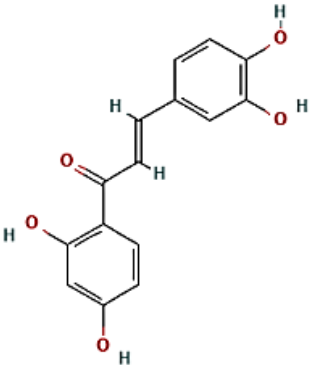
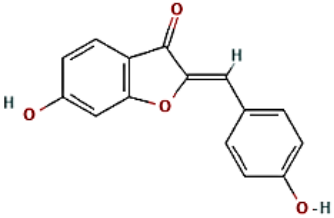
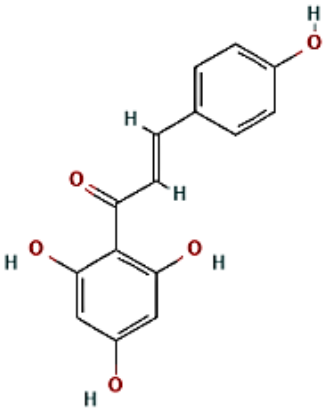
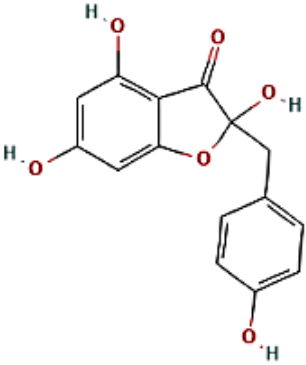
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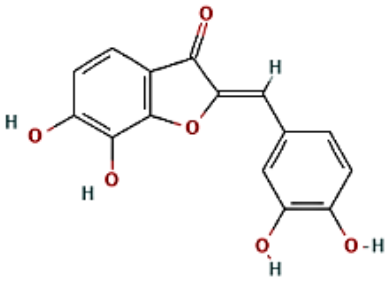
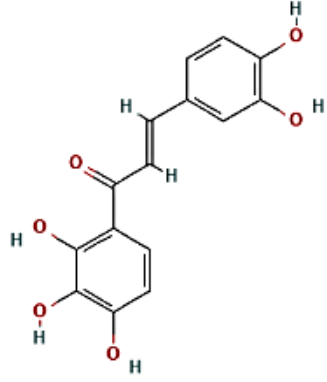
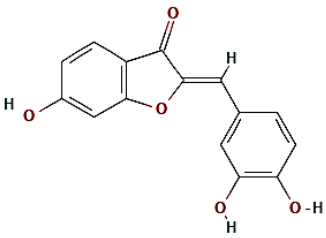
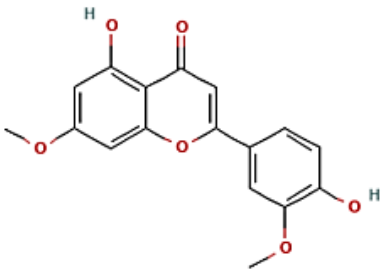
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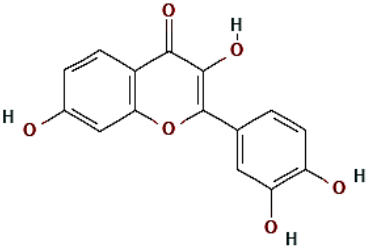
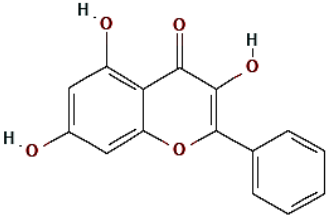
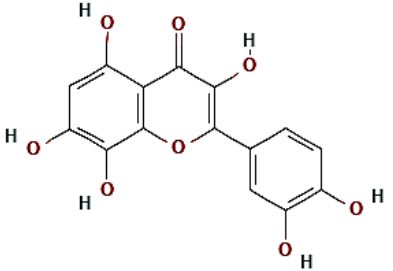
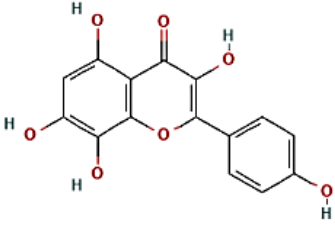
NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
1.	Baptigenin (C ₁₅ H ₁₀ O ₆)	7-hydroxy-3-(3,4,5-trihydroxyphenyl)chromen-4-one	
2.	Biochanin A (C ₁₆ H ₁₂ O ₅)	5,7-dihydroxy-3-(4-methoxyphenyl)chromen-4-one	
3.	Formononetin (C ₁₆ H ₁₂ O ₄)	7-hydroxy-3-(4-methoxyphenyl)chromen-4-one	
4.	Calycosin (C ₁₆ H ₁₂ O ₅)	7-hydroxy-3-(3-hydroxy-4-methoxyphenyl)chromen-4-one	
5.	Daidzein (C ₁₅ H ₁₀ O ₄)	7-hydroxy-3-(4-hydroxyphenyl)chromen-4-one	

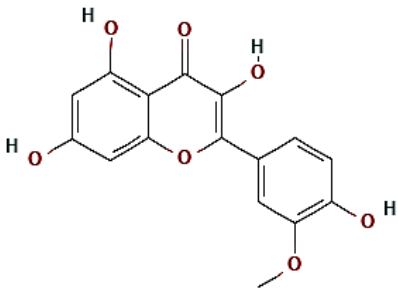
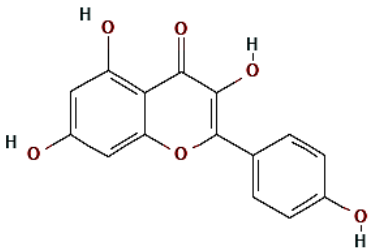
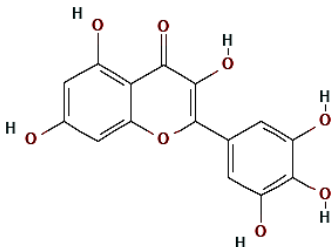
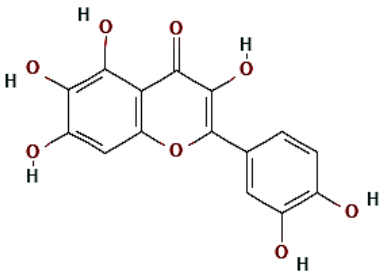
NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
6.	Genistein (C ₁₅ H ₁₀ O ₅)	5,7-dihydroxy-3-(4-hydroxyphenyl)chromen-4-one	
7.	Ginkgetin (C ₃₂ H ₂₂ O ₁₀)	5,7-dihydroxy-8-[5-(5-hydroxy-7-methoxy-4-oxochromen-2-yl)-2-methoxyphenyl]-2-(4-hydroxyphenyl)chromen-4-one	
8.	Orobol (C ₁₅ H ₁₀ O ₆)	3-(3,4-dihydroxyphenyl)-5,7-dihydroxychromen-4-one	
9.	Paniculatin (C ₂₇ H ₃₀ O ₁₅)	5,7-dihydroxy-3-(4-hydroxyphenyl)-6,8-bis[(2S,3R,4R,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]chromen-4-one	

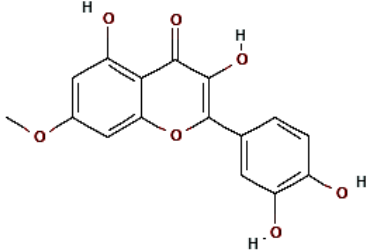
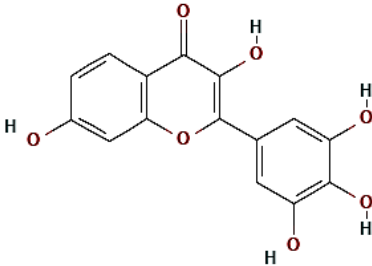
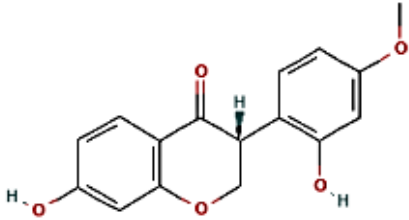
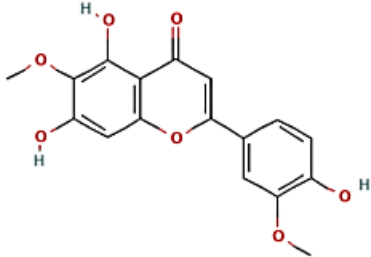
NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
10.	Pratensein (C ₁₆ H ₁₂ O ₆)	5,7-dihydroxy-3-(3-hydroxy-4-methoxyphenyl)chromen-4-one	
11.	Puerarin (C ₂₁ H ₂₀ O ₉)	7-hydroxy-3-(4-hydroxyphenyl)-8-[(2S,3R,4R,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]chromen-4-one	
12.	Sciadopitysin (C ₃₃ H ₂₄ O ₁₀)	5,7-dihydroxy-8-[5-(5-hydroxy-7-methoxy-4-oxochromen-2-yl)-2-methoxyphenyl]-2-(4-methoxyphenyl)chromen-4-one	
13.	Aureusidin (C ₁₅ H ₁₀ O ₆)	(2Z)-2-[(3,4-dihydroxyphenyl)methylidene]-4,6-dihydroxy-1-benzofuran-3-one	

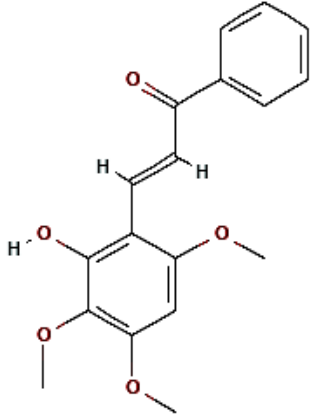
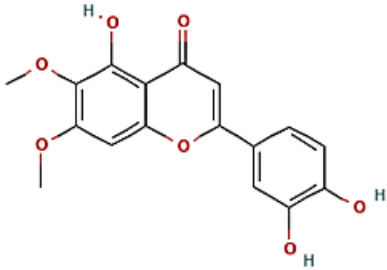
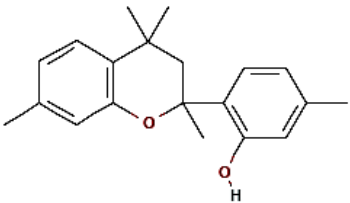
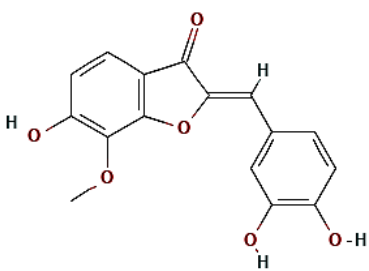
NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
14.	Butein (C ₁₅ H ₁₂ O ₅)	(<i>E</i>)-1-(2,4-dihydroxyphenyl)-3-(3,4-dihydroxyphenyl)prop-2-en-1-one	
15.	Hispidol (C ₁₅ H ₁₀ O ₄)	(2 <i>Z</i>)-6-hydroxy-2-[(4-hydroxyphenyl)methylidene]-1-benzofuran-3-one	
16.	Chalconaringenin (C ₁₅ H ₁₂ O ₅)	(<i>E</i>)-3-(4-hydroxyphenyl)-1-(2,4,6-trihydroxyphenyl)prop-2-en-1-one	
17.	Maesopsin (C ₁₅ H ₁₂ O ₆)	2,4,6-trihydroxy-2-[(4-hydroxyphenyl)methyl]-1-benzofuran-3-one	

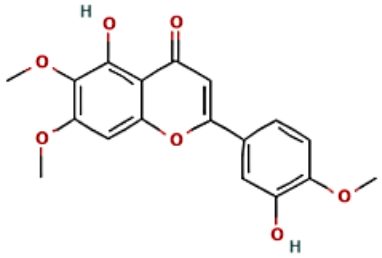
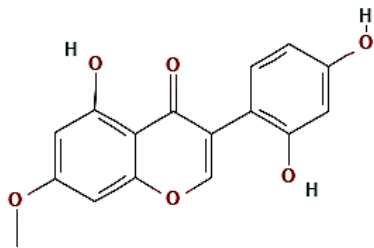
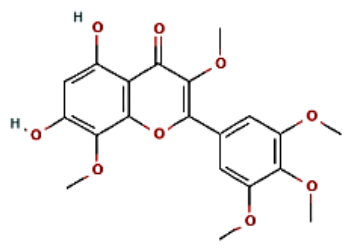
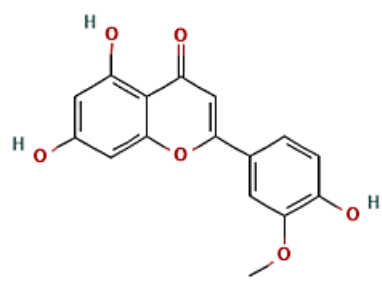
NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
18.	Maritimetin (C ₁₅ H ₁₀ O ₆)	(2Z)-2-[(3,4-dihydroxyphenyl)methylidene]-6,7-dihydroxy-1-benzofuran-3-one	
19.	Okanin (C ₁₅ H ₁₂ O ₆)	(E)-3-(3,4-dihydroxyphenyl)-1-(2,3,4-trihydroxyphenyl)prop-2-en-1-one	
20.	Sulfuretin (C ₁₅ H ₁₀ O ₅)	(2Z)-2-[(3,4-dihydroxyphenyl)methylidene]-6-hydroxy-1-benzofuran-3-one	
21.	Velutin (C ₁₇ H ₁₄ O ₆)	5-hydroxy-2-(4-hydroxy-3-methoxyphenyl)-7-methoxychromen-4-one	

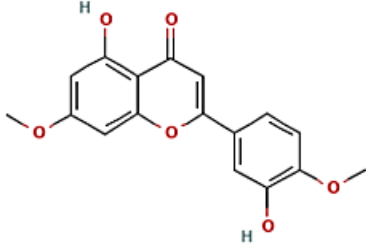
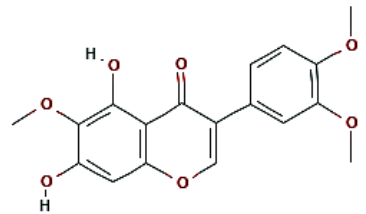
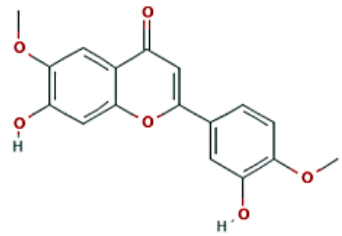
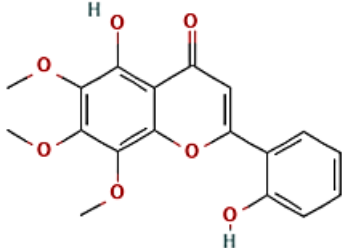
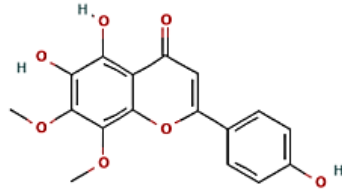
NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
22.	Fisetin (C ₁₅ H ₁₀ O ₆)	2-(3,4-dihydroxyphenyl)-3,7-dihydroxychromen-4-one	
23.	Galangin (C ₁₅ H ₁₀ O ₅)	3,5,7-trihydroxy-2-phenylchromen-4-one	
24.	Gossypetin (C ₁₅ H ₁₀ O ₈)	2-(3,4-dihydroxyphenyl)-3,5,7,8-tetrahydroxychromen-4-one	
25.	Herbacetin (C ₁₅ H ₁₀ O ₇)	3,5,7,8-tetrahydroxy-2-(4-hydroxyphenyl)chromen-4-one	

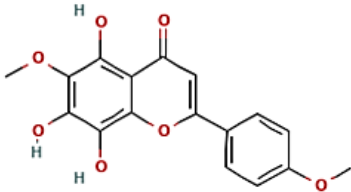
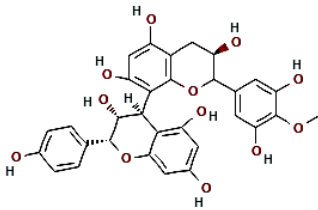
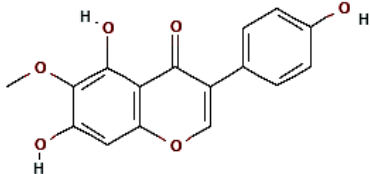
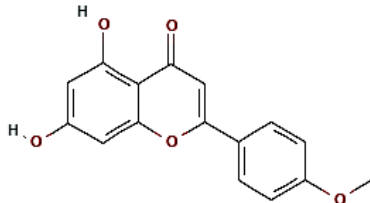
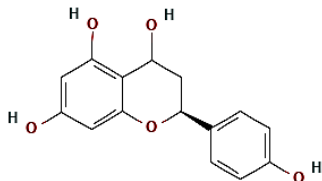
NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
26.	Isorhamnetin (C ₁₆ H ₁₂ O ₇)	3,5,7-trihydroxy-2-(4-hydroxy-3-methoxyphenyl)chromen-4-one	
27.	Kaempferol (C ₁₅ H ₁₀ O ₆)	3,5,7-trihydroxy-2-(4-hydroxyphenyl)chromen-4-one	
28.	Myricetin (C ₁₅ H ₁₀ O ₈)	3,5,7-trihydroxy-2-(3,4,5-trihydroxyphenyl)chromen-4-one	
29.	Quercetagenin (C ₁₅ H ₁₀ O ₈)	2-(3,4-dihydroxyphenyl)-3,5,6,7-tetrahydroxychromen-4-one	

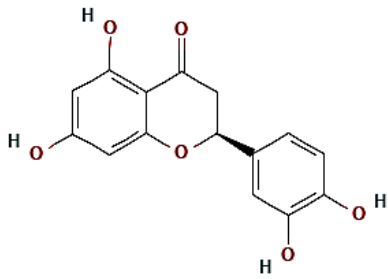
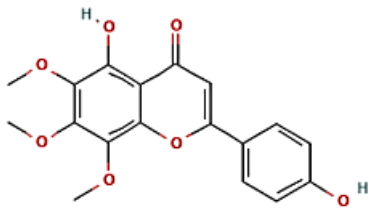
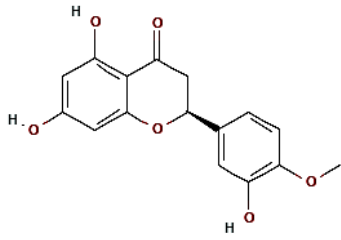
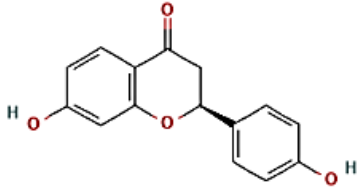
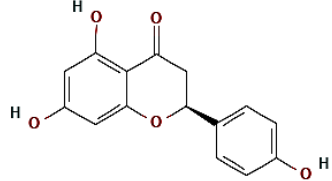
NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
30.	Rhamnetin (C ₁₆ H ₁₂ O ₇)	2-(3,4-dihydroxyphenyl)-3,5-dihydroxy-7-methoxychromen-4-one	
31.	Robinetin (C ₁₅ H ₁₀ O ₇)	3,7-dihydroxy-2-(3,4,5-trihydroxyphenyl)chromen-4-one	
32.	Vestitone (C ₁₆ H ₁₄ O ₅)	(3 <i>R</i>)-7-hydroxy-3-(2-hydroxy-4-methoxyphenyl)-2,3-dihydrochromen-4-one	
33.	Jaceosidin (C ₁₇ H ₁₄ O ₇)	5,7-dihydroxy-2-(4-hydroxy-3-methoxyphenyl)-6-methoxychromen-4-one	

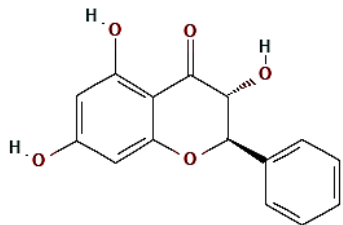
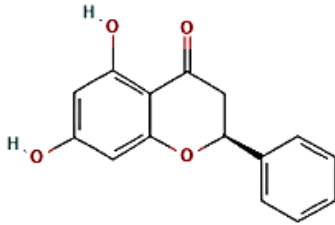
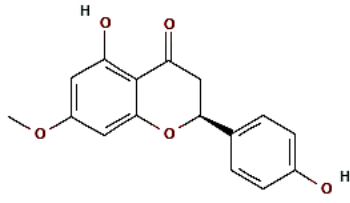
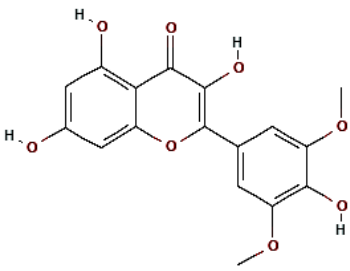
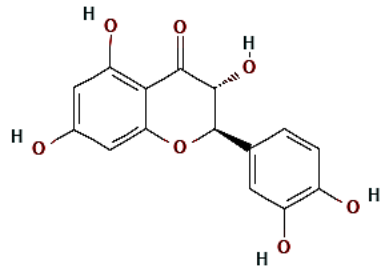
NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
34.	Tepanone (C ₁₈ H ₁₈ O ₅)	(<i>E</i>)-3-(2-hydroxy-3,4,6-trimethoxyphenyl)-1-phenylprop-2-en-1-one	
35.	Cirsiliol (C ₁₇ H ₁₄ O ₇)	2-(3,4-dihydroxyphenyl)-5-hydroxy-6,7-dimethoxychromen-4-one	
36.	Inulavosin (C ₂₀ H ₂₄ O ₂)	5-methyl-2-(2,4,4,7-tetramethyl-3 <i>H</i> -chromen-2-yl)phenol	
37.	Leptosidin (C ₁₆ H ₁₂ O ₆)	(2 <i>Z</i>)-2-[(3,4-dihydroxyphenyl)methylidene]-6-hydroxy-7-methoxy-1-benzofuran-3-one	

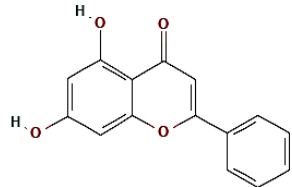
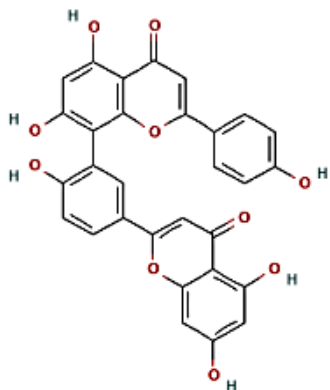
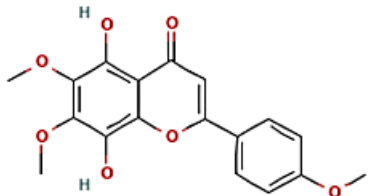
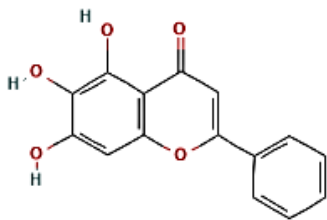
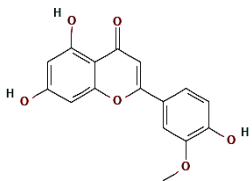
NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
38.	Eupatorin (C ₁₈ H ₁₆ O ₇)	5-hydroxy-2-(3-hydroxy-4-methoxyphenyl)-6,7-dimethoxychromen-4-one	
39	Cajanin (C ₁₆ H ₁₂ O ₆)	3-(2,4-dihydroxyphenyl)-5-hydroxy-7-methoxychromen-4-one	
40.	Conyzatin (C ₂₀ H ₂₀ O ₉)	5,7-dihydroxy-3,8-dimethoxy-2-(3,4,5-trimethoxyphenyl)chromen-4-one	
41.	Chrysoeriol (C ₁₆ H ₁₂ O ₆)	5,7-dihydroxy-2-(4-hydroxy-3-methoxyphenyl)chromen-4-one	

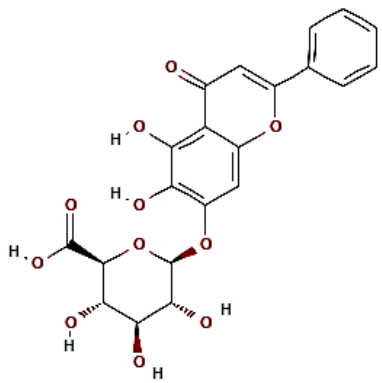
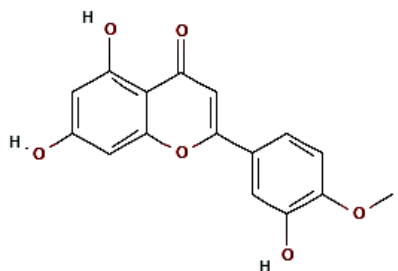
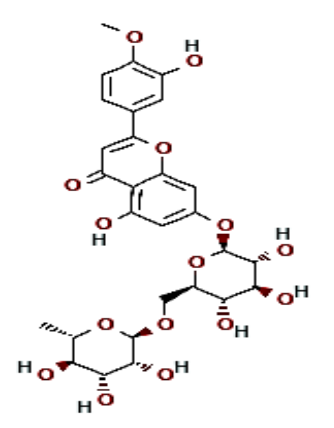
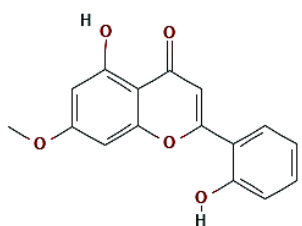
NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
42.	Pilloin (C ₁₇ H ₁₄ O ₆)	5-hydroxy-2-(3-hydroxy-4-methoxyphenyl)-7-methoxychromen-4-one	
43.	Junipegenin (C ₁₈ H ₁₆ O ₇)	3-(3,4-dimethoxyphenyl)-5,7-dihydroxy-6-methoxychromen-4-one	
44.	Abrectorin (C ₁₇ H ₁₄ O ₆)	7-hydroxy-2-(3-hydroxy-4-methoxyphenyl)-6-methoxychromen-4-one	
45.	Tenaxin I (C ₁₈ H ₁₆ O ₇)	5-hydroxy-2-(2-hydroxyphenyl)-6,7,8-trimethoxychromen-4-one	
46.	Thymusin (C ₁₇ H ₁₄ O ₇)	5,6-dihydroxy-2-(4-hydroxyphenyl)-7,8-dimethoxychromen-4-one	

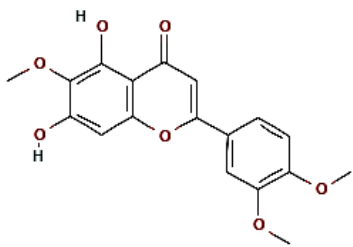
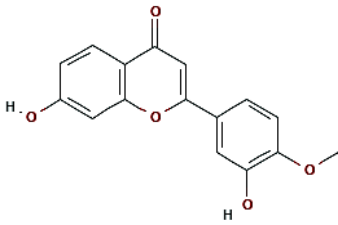
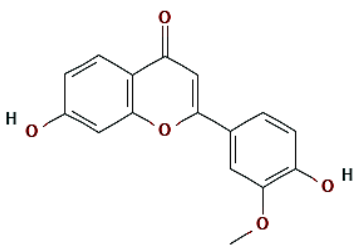
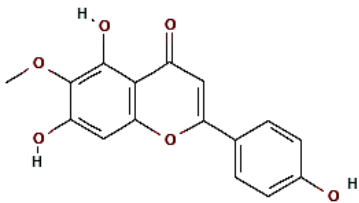
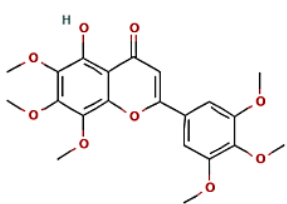
NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
47.	Pilosin (C ₁₇ H ₁₄ O ₇)	5,7,8-trihydroxy-6-methoxy-2-(4-methoxyphenyl)chromen-4-one	
48.	Proanthocyanidin (C ₃₁ H ₂₈ O ₁₂)	(3 <i>R</i>)-2-(3,5-dihydroxy-4-methoxyphenyl)-8-[(2 <i>R</i> ,3 <i>R</i> ,4 <i>R</i>)-3,5,7-trihydroxy-2-(4-hydroxyphenyl)-3,4-dihydro-2 <i>H</i> -chromen-4-yl]-3,4-dihydro-2 <i>H</i> -chromene-3,5,7-triol	
49.	Tectorigenin (C ₁₆ H ₁₂ O ₆)	5,7-dihydroxy-3-(4-hydroxyphenyl)-6-methoxychromen-4-one	
50.	Acacetin (C ₁₆ H ₁₂ O ₅)	5,7-dihydroxy-2-(4-methoxyphenyl)chromen-4-one	
51.	Apiforol (C ₁₅ H ₁₄ O ₅)	(2 <i>S</i>)-2-(4-hydroxyphenyl)-3,4-dihydro-2 <i>H</i> -chromene-4,5,7-triol	

NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
52.	Eriodyctiol (C ₁₅ H ₁₂ O ₆)	(2 <i>S</i>)-2-(3,4-dihydroxyphenyl)-5,7-dihydroxy-2,3-dihydrochromen-4-one	
53.	Xanthomicrol (C ₁₈ H ₁₆ O ₇)	5-hydroxy-2-(4-hydroxyphenyl)-6,7,8-trimethoxychromen-4-one	
54.	Hesperetin (C ₁₆ H ₁₄ O ₆)	(2 <i>S</i>)-5,7-dihydroxy-2-(3-hydroxy-4-methoxyphenyl)-2,3-dihydrochromen-4-one	
55.	Liquiritigenin (C ₁₅ H ₁₂ O ₄)	(2 <i>S</i>)-7-hydroxy-2-(4-hydroxyphenyl)-2,3-dihydrochromen-4-one	
56.	Naringenin (C ₁₅ H ₁₂ O ₅)	(2 <i>S</i>)-5,7-dihydroxy-2-(4-hydroxyphenyl)-2,3-dihydrochromen-4-one	

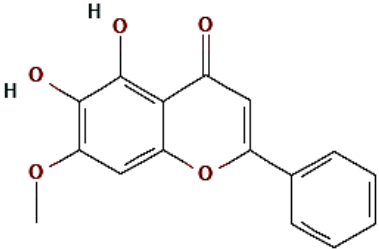
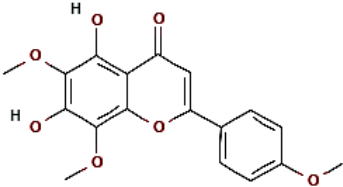
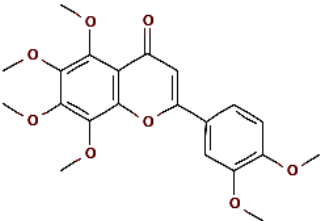
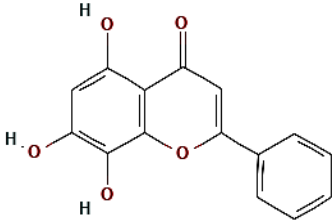
NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
57.	Pinobanksin (C ₁₅ H ₁₂ O ₅)	(2 <i>R</i> ,3 <i>R</i>)-3,5,7-trihydroxy-2-phenyl-2,3-dihydrochromen-4-one	
58.	Pinocembrin (C ₁₅ H ₁₂ O ₄)	(2 <i>S</i>)-5,7-dihydroxy-2-phenyl-2,3-dihydrochromen-4-one	
59.	Sakuranetin (C ₁₆ H ₁₄ O ₅)	(2 <i>S</i>)-5-hydroxy-2-(4-hydroxyphenyl)-7-methoxy-2,3-dihydrochromen-4-one	
60.	Syringetin (C ₁₇ H ₁₄ O ₈)	3,5,7-trihydroxy-2-(4-hydroxy-3,5-dimethoxyphenyl)chromen-4-one	
61.	Taxifolin (C ₁₅ H ₁₂ O ₇)	(2 <i>R</i> ,3 <i>R</i>)-2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxy-2,3-dihydrochromen-4-one	

NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
62.	Chrysin (C ₁₅ H ₁₀ O ₄)	5,7-dihydroxy-2-phenylchromen-4-one	
63.	Amentoflavone (C ₃₀ H ₁₈ O ₁₀)	8-[5-(5,7-dihydroxy-4-oxochromen-2-yl)-2-hydroxyphenyl]-5,7-dihydroxy-2-(4-hydroxyphenyl)chromen-4-one	
64.	Pedunculatin (C ₁₈ H ₁₆ O ₇)	5,8-dihydroxy-6,7-dimethoxy-2-(4-methoxyphenyl)chromen-4-one	
65.	Baicalein (C ₁₅ H ₁₀ O ₅)	5,6,7-trihydroxy-2-phenylchromen-4-one	
66.	Chrysoeriol (C ₁₆ H ₁₂ O ₆)	5,7-dihydroxy-2-(4-hydroxy-3-methoxyphenyl)chromen-4-one	

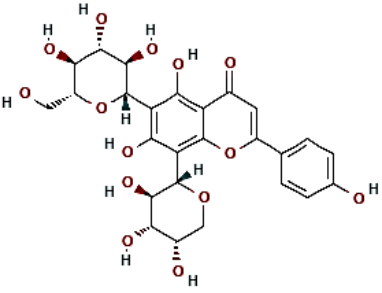
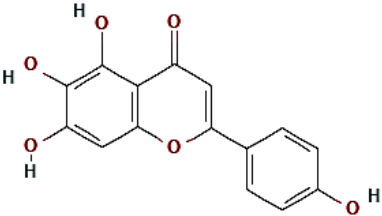
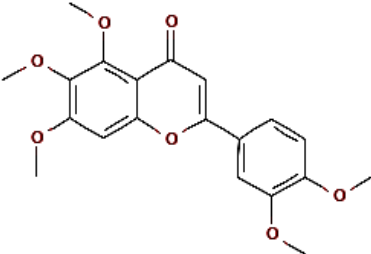
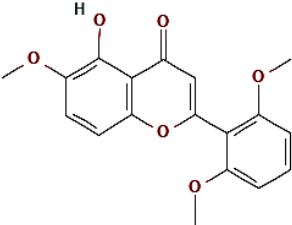
NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
67.	Baicalin (C ₂₁ H ₁₈ O ₁₁)	(2 <i>S</i> ,3 <i>S</i> ,4 <i>S</i> ,5 <i>R</i> ,6 <i>S</i>)-6-(5,6-dihydroxy-4-oxo-2-phenylchromen-7-yl)oxy-3,4,5-trihydroxyoxane-2-carboxylic acid	
68.	Diosmetin (C ₁₆ H ₁₂ O ₆)	5,7-dihydroxy-2-(3-hydroxy-4-methoxyphenyl)chromen-4-one	
69.	Diosmin (C ₂₈ H ₃₂ O ₁₅)	5-hydroxy-2-(3-hydroxy-4-methoxyphenyl)-7-[(2 <i>S</i> ,3 <i>R</i> ,4 <i>S</i> ,5 <i>S</i> ,6 <i>R</i>)-3,4,5-trihydroxy-6-[(2 <i>R</i> ,3 <i>R</i> ,4 <i>R</i> ,5 <i>R</i> ,6 <i>S</i>)-3,4,5-trihydroxy-6-methyloxan-2-yl]oxymethyl]oxan-2-yl]oxychromen-4-one	
70.	Echioidinin (C ₁₆ H ₁₂ O ₅)	5-hydroxy-2-(2-hydroxyphenyl)-7-methoxychromen-4-one	

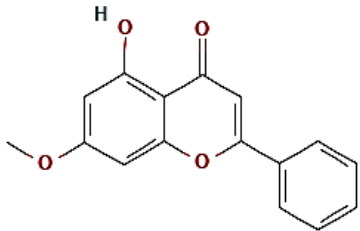
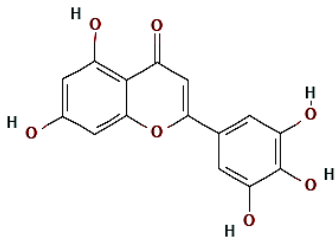
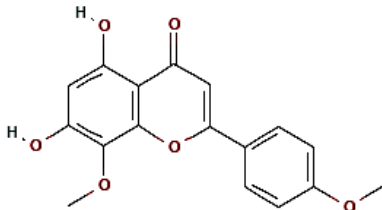
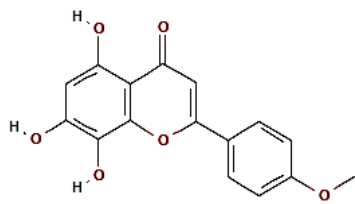
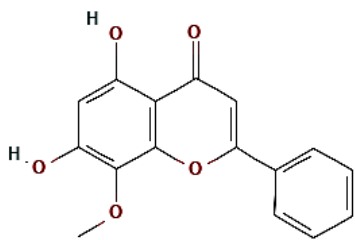
NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
71.	Eupatilin (C ₁₈ H ₁₆ O ₇)	2-(3,4-dimethoxyphenyl)-5,7-dihydroxy-6-methoxychromen-4-one	
72.	Farnisin (C ₁₆ H ₁₂ O ₅)	7-hydroxy-2-(3-hydroxy-4-methoxyphenyl)chromen-4-one	
73.	Geraldone (C ₁₆ H ₁₂ O ₅)	7-hydroxy-2-(4-hydroxy-3-methoxyphenyl)chromen-4-one	
74.	Hispidulin (C ₁₆ H ₁₂ O ₆)	5,7-dihydroxy-2-(4-hydroxyphenyl)-6-methoxychromen-4-one	
75.	Gardenin (C ₂₁ H ₂₂ O ₉)	5-hydroxy-6,7,8-trimethoxy-2-(3,4,5-trimethoxyphenyl)chromen-4-one	

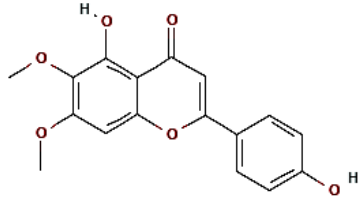
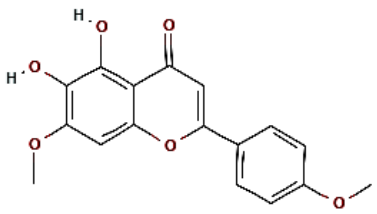
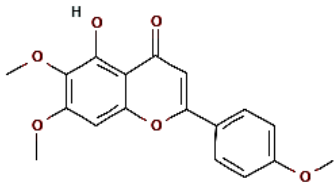
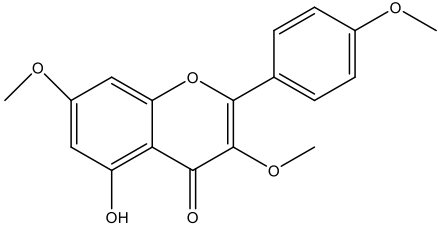
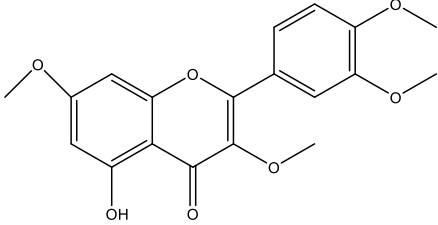
NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
76.	Isoorientin (C ₂₁ H ₂₀ O ₁₁)	2-(3,4-dihydroxyphenyl)-5,7-dihydroxy-6-[(2 <i>S</i> ,3 <i>R</i> ,4 <i>R</i> ,5 <i>S</i> ,6 <i>R</i>)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]chromen-4-one	
77.	Morin (C ₁₅ H ₁₀ O ₇)	2-(2,4-dihydroxyphenyl)-3,5,7-trihydroxychromen-4-one	
78.	Mosloflavone (C ₁₇ H ₁₄ O ₅)	5-hydroxy-6,7-dimethoxy-2-phenylchromen-4-one	
79.	Naringin (C ₂₇ H ₃₂ O ₁₄)	(2 <i>S</i>)-7-[(2 <i>S</i> ,3 <i>R</i> ,4 <i>S</i> ,5 <i>S</i> ,6 <i>R</i>)-4,5-dihydroxy-6-(hydroxymethyl)-3-[(2 <i>S</i> ,3 <i>R</i> ,4 <i>R</i> ,5 <i>R</i> ,6 <i>S</i>)-3,4,5-trihydroxy-6-methyloxan-2-yl]oxyoxan-2-yl]oxy-5-hydroxy-2-(4-hydroxyphenyl)-2,3-dihydrochromen-4-one	

NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
80.	Negletein (C ₁₆ H ₁₂ O ₅)	5,6-dihydroxy-7-methoxy-2-phenylchromen-4-one	
81.	Nevadensin (C ₁₈ H ₁₆ O ₇)	5,7-dihydroxy-6,8-dimethoxy-2-(4-methoxyphenyl)chromen-4-one	
82.	Nobiletin (C ₂₁ H ₂₂ O ₈)	2-(3,4-dimethoxyphenyl)-5,6,7,8-tetramethoxychromen-4-one	
83.	Norwogonin (C ₁₅ H ₁₀ O ₅)	5,7,8-trihydroxy-2-phenylchromen-4-one	

NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
84.	Orientin (C ₂₁ H ₂₀ O ₁₁)	2-(3,4-dihydroxyphenyl)-5,7-dihydroxy-8-[(2 <i>S</i> ,3 <i>R</i> ,4 <i>R</i> ,5 <i>S</i> ,6 <i>R</i>)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]chromen-4-one	
85.	Oroxylin A (C ₁₆ H ₁₂ O ₅)	5,7-dihydroxy-6-methoxy-2-phenylchromen-4-one	
86.	Ipriflavone (C ₁₈ H ₁₆ O ₃)	3-phenyl-7-propan-2-yloxychromen-4-one	
87.	Primetin (C ₁₅ H ₁₀ O ₄)	5,8-dihydroxy-2-phenylchromen-4-one	
88.	Quercetin (C ₁₅ H ₁₀ O ₇)	2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxychromen-4-one	

NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
89.	Schaftoside (C ₂₆ H ₂₈ O ₁₄)	5,7-dihydroxy-2-(4-hydroxyphenyl)-6-[(2 <i>S</i> ,3 <i>R</i> ,4 <i>R</i> ,5 <i>S</i> ,6 <i>R</i>)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]-8-[(2 <i>S</i> ,3 <i>R</i> ,4 <i>S</i> ,5 <i>S</i>)-3,4,5-trihydroxyoxan-2-yl]chromen-4-one	
90.	Scutellarein (C ₁₅ H ₁₀ O ₆)	5,6,7-trihydroxy-2-(4-hydroxyphenyl)chromen-4-one	
91.	Sinensetin (C ₂₀ H ₂₀ O ₇)	2-(3,4-dimethoxyphenyl)-5,6,7-trimethoxychromen-4-one	
92.	Zapotinin (C ₁₈ H ₁₆ O ₆)	2-(2,6-dimethoxyphenyl)-5-hydroxy-6-methoxychromen-4-one	

NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
93.	Tectochrysin (C ₁₆ H ₁₂ O ₄)	5-hydroxy-7-methoxy-2-phenylchromen-4-one	
94.	Tricetin (C ₁₅ H ₁₀ O ₇)	5,7-dihydroxy-2-(3,4,5-trihydroxyphenyl)chromen-4-one	
95.	Galangustin (C ₁₇ H ₁₄ O ₆)	5,7-dihydroxy-8-methoxy-2-(4-methoxyphenyl)chromen-4-one	
96.	Takakin (C ₁₆ H ₁₂ O ₅)	5,7,8-trihydroxy-2-(4-methoxyphenyl)chromen-4-one	
97.	Wogonin (C ₁₆ H ₁₂ O ₅)	5,7-dihydroxy-8-methoxy-2-phenylchromen-4-one	

NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
98.	Cirsimaritin (C ₁₇ H ₁₄ O ₆)	5-hydroxy-2-(4-hydroxyphenyl)-6,7-dimethoxychromen-4-one	
99.	ladanein (C ₁₇ H ₁₄ O ₆)	5,6-dihydroxy-7-methoxy-2-(4-methoxyphenyl)chromen-4-one	
100.	Salvigenin (C ₁₈ H ₁₆ O ₆)	5-hydroxy-6,7-dimethoxy-2-(4-methoxyphenyl)chromen-4-one	
101.	-	5-hydroxy-3,7,4'-trimethoxykaempferol	
102.	-	5-hydroxy-3,7,3',4'-tetramethoxykaempferol	

NO.	Nama Senyawa	Nama IUAPAC	Struktur Kimia
103.	-	4'-hydroxy-3,5,7-trimethoxy kaempferol	

Lampiran 2 Hasil Penentuan *Lipinski Rule of Five*

Nama Ligan	Kode Ligan	Bobot Molekul (BM)	Nilai LogP	Akseptor Ikatan H	MR	Donor Ikatan H	Jumlah yang tidak sesuai syarat
		syarat < 500	syarat < 5	syarat < 10	syarat 40-130	syarat < 5	
Tamoxifen	LA	387	5,701	3	12,124	1	
Baptigenin	LU1	286	2,125	6	72,478	4	
Bichanin A	LU2	284	1,936	5	69,53	2	
Formononetin	LU3	268	3,016	4	74,036	1	
Calyosin	LU4	284	2,423	5	74,097	2	
Daidzein	LU5	254	2,713	4	69,149	2	
Genistein	LU6	270	2,419	5	70,813	3	
Ginkgetin	LU7	566	5,425	10	150,396	4	2
Orobol	LU8	286	2,125	6	72,478	4	
Panikulatin	LU9	594	-2,238	15	136,138	11	2
Pratensein	LU10	300	2,128	6	75,761	3	
Puerarin	LU11	416	0,228	9	101,869	6	1
Sciadopitysin	LU12	580	5,728	10	155,283	3	3
Aureusidin	LU13	286	2,125	6	72,478	4	
Butein	LU14	272	2,405	5	72,907	4	
Hispidol	LU15	254	2,713	4	69,149	2	
Chalconaringe	LU16	272	2,405	5	72,907	4	
Maesopsin	LU17	288	1,309	6	71,49	4	
Marimetin	LU18	286	2,125	6	72,478	4	
Okanin	LU19	288	2,11	6	74,572	6	1
Sulfuretin	LU20	270	2,419	5	70,813	3	
Velutin	LU21	314	2,731	6	82,253	2	
Fisetin	LU22	286	2,305	6	72,385	4	
Galangin	LU23	270	2,599	5	70,72	3	
Gossypetin	LU24	318	1,716	8	75,715	6	1
Herbacetin	LU25	302	2,01	7	74,05	6	1
Isorhamnetin	LU26	316	2,313	7	78,937	4	
Kaempferol	LU27	286	2,305	6	72,385	4	
Myricetin	LU28	318	1,716	8	75,715	6	1
Quercetagenin	LU29	318	1,716	8	75,715	6	1
Rhamnetin	LU30	316	0,575	7	72,354	4	
Robinetin	LU31	302	2,01	7	74,05	6	1
Vestitone	LU32	286	2,465	5	75,332	2	

Jaceosidin	LU33	330	1,049	7	77,237	3	
Tepanone	LU34	314	3,314	5	87,569	1	
Cirsiliol	LU35	330	2,436	7	83,917	3	
Inulavosin	LU36	296	4,984	2	89,645	1	
Leptosidin	LU37	300	2,428	6	77,365	3	
Eupatorin	LU38	344	2,739	7	88,805	2	
Cajanin	LU39	300	2,428	6	77,365	3	
Conyzatin	LU40	404	2,722	9	101,309	2	
Chrysoeriol	LU41	300	2,428	6	77,365	3	
Pilloyl	LU42	314	2,731	6	82,253	2	
Julnipegein	LU43	344	1,703	7	82,028	2	
Abrectorin	LU44	314	2,731	6	82,253	2	
Tenaxin I	LU45	344	2,739	7	88,805	2	
Thymusin	LU46	330	2,436	7	83,917	3	
Pilosin	LU47	330	2,436	7	83,917	3	
Proanthocyanidin	LU48	592	3,298	12	148,272	9	3
Tectorigenin	LU49	300	2,428	6	77,365	3	
Acacetin	LU50	284	2,722	5	75,701	2	
Apiforol	LU51	274	2,36	5	70,824	4	
Eriodyctiol	LU52	288	2,215	6	71,859	4	
Xanthomicrol	LU53	344	2,739	7	88,805	2	
Hesperetin	LU54	302	2,518	6	76,746	3	
Liquiritigenin	LU55	256	2,804	4	68,53	2	
Naringenin	LU56	272	2,509	5	70,194	3	
Pinobanksin	LU57	272	1,024	5	65,295	3	
Pinocembrin	LU58	256	2,804	4	68,53	2	
Sakuranetin	LU59	286	2,812	5	75,082	2	
Syringetin	LU60	346	2,322	8	85,489	4	
Taxifolin	LU61	304	1,186	7	73,249	6	1
Chrysin	LU62	284	2,722	5	75,701	2	
Amentoflavone	LU63	538	4,819	10	140,621	6	2
Pedunculatin	LU64	344	2,739	7	88,805	2	
Baicalin	LU65	270	2,419	5	70,813	3	
Chriseriol	LU66	300	2,428	6	77,365	3	
Baicalin	LU67	446	1,76032	11	104,094	6	2
Diosmetin	LU68	300	2,428	6	77,365	3	
Diosmin	LU69	608	2,841629	15	141,317	8	3
Echiodinin	LU70	284	2,722	5	75,701	2	
Eupatilin	LU71	344	1,703	7	82,028	2	
Fernisin	LU72	284	2,722	5	75,701	2	

Geraldone	LU73	284	2,722	5	75,701	2	
Hispidulin	LU74	300	2,428	6	77,365	3	
Gardenin	LU75	418	3,06	9	106,796	1	
Isoorientin	LU76	448	1,50929	11	105,198	8	2
Morin	LU77	302	2,01	7	74,05	6	2
Mosloflavone	LU78	298	3,025	5	80,588	1	
Naringin	LU79	580	2,631639	14	133,997	8	3
Negletin	LU80	284	2,722	5	75,701	2	
Nevadensin	LU81	344	2,739	7	88,805	2	
Nobiletin	LU82	402	3,672	8	102,906	0	
Norwogonin	LU83	270	2,419	5	70,813	3	
Orientin	LU84	448	1,33879	11	105,198	8	2
Oroxylin A	LU85	284	2,722	5	75,701	2	
Ipriflavone	LU86	280	4,089	3	81,583	0	
Primetin	LU87	254	2,713	4	69,149	2	
Quercetin	LU88	302	2,01	7	74,05	6	1
Schaftoside	LU89	564	2,11085	14	130,247	10	3
Scutelarein	LU90	286	2,125	6	72,478	4	
Sinensetin	LU91	372	3,663	7	96,354	0	
Zapotinin	LU92	328	3,034	6	87,14	1	
Tectochrysin	LU93	268	3,016	4	74,036	1	
Tricetin	LU94	302	1,83	7	74,143	6	1
Galangaustin	LU95	314	2,731	6	82,253	2	
Takakin	LU96	300	2,428	6	77,365	3	
Wogonin	LU97	284	2,722	5	75,701	2	
Cirsimaritin	LU98	314	2,731	6	82,253	2	
Ladanenin	LU99	314	2,731	6	82,253	2	
Salvigenin	LU100	328	3,034	6	87,14	1	
5-hydroxy-3,7,4'- trimethoxy kaempferol	LU101	328	2,999	6	86,54	1	
5-hydroxy- 3,7,3',4'- tetramethoxy kaempferol	LU102	358	3	7	93,092	1	
4'-hydroxy-3,5,7- trimethoxy kaempferol	LU103	328	1,63	5	87,23	2	

Lampiran 3 Hasil Optimasi Geometri

Nama Ligan	Kode Ligan	HOMO (kkal/mol)	LUMO (kkal/mol)	Gap Energi (kkal/mol)	Total Energi (a.u)
Tamoxifen	LA	-0,1886	-0,0251	-0,1634	-1213,0843
Baptigenin	LU1	-0,2078	-0,0640	-0,1439	-1028,6429
Bichanin A	LU2	-0,2054	-0,0509	-0,1546	-992,7303
Formononetin	LU3	-0,2092	-0,0599	-0,1494	-917,5514
Calyosin	LU4	-0,2045	-0,0594	-0,1451	-992,7439
Daidzein	LU5	-0,2135	-0,0613	-0,1522	-878,2575
Genistein	LU6	-0,2095	-0,0523	-0,1572	-953,4365
Orobol	LU8	-0,2049	-0,0518	-0,1531	-1028,6284
Pratensein	LU10	-0,2009	-0,0505	-0,1505	-1067,9220
Puerarin	LU11	-0,2083	-0,0530	-0,1553	-1488,7990
Aureusidin	LU13	-0,2169	-0,0898	-0,1271	-1028,6410
Butein	LU14	-0,2088	-0,0706	-0,1382	-954,6440
Hispidol	LU15	-0,2141	-0,0834	-0,1307	-878,2500
Chalconaringe	LU16	-0,2158	-0,0797	-0,1362	-954,6600
Maesopsin	LU17	-0,2259	-0,0712	-0,1547	-1029,8520
Marimetin	LU18	-0,2158	-0,0869	-0,1289	-1028,6310
Sulfuretin	LU20	-0,2045	-0,0749	-0,1296	-948,4540
Velutin	LU21	-0,2106	-0,0591	-0,1516	-1107,2150
Fisetin	LU22	-0,2177	-0,0658	-0,1519	-1028,6330
Galangin	LU23	-0,2157	-0,0620	-0,1538	-953,4300
Isorhamnetin	LU26	-0,1994	-0,0485	-0,1508	-1137,1390
Kaempferol	LU27	-0,2116	-0,0585	-0,1532	-1028,6200
Rhamnetin	LU30	-0,2880	-0,0750	-0,2130	-1130,5740
Vestitone	LU32	-0,2163	-0,0553	-0,1610	-993,9400
Jaceosidin	LU33	-0,2135	-0,0760	-0,1375	-1182,4180
Tepanone	LU34	-0,2098	-0,0713	-0,1385	-1072,5060
Cirsiliol	LU35	-0,2098	-0,0713	-0,1385	-1182,4270
Inulavosin	LU36	-0,2049	-0,0028	-0,2021	-926,8110
Leptosidin	LU37	-0,2125	-0,0846	-0,1279	-1067,9220
Eupatorin	LU38	-0,2086	-0,0727	-0,1358	-1221,7220
Cajanin	LU39	-0,2024	-0,0428	-0,1596	-1067,9200
Conyzatin	LU40	-0,1984	-0,0612	-0,1372	-1450,6370
Chrysoeriol	LU41	-0,2122	-0,0608	-0,1514	-1067,9200

Pilloyin	LU42	-0,2127	-0,0575	-0,1552	-1107,2250
Julnipegeenin	LU43	-0,2021	-0,0697	-0,1323	-1221,7020
Abrectorin	LU44	-0,2144	-0,0637	-0,1507	-1107,2280
Tenaxin I	LU45	-0,2075	-0,0692	-0,1382	-1221,6990
Thymusin	LU46	-0,2091	-0,0753	-0,1338	-1182,4230
Pilosin	LU47	-0,2084	-0,0776	-0,1307	-1182,4240
Tectorigenin	LU49	-0,2136	-0,0701	-0,1435	-1067,9320
Apiforol	LU51	-0,2089	-0,0127	-0,1962	-955,8540
Eriodyctiol	LU52	-0,2219	-0,0660	-0,1560	-1029,8650
Xanthomicrol	LU53	-0,2093	-0,0746	-0,1347	-1221,7080
Hesperetin	LU54	-0,2138	-0,0619	-0,1520	-1069,1560
Liquiritigenin	LU55	-0,2288	-0,0565	-0,1724	-879,4640
Naringenin	LU56	-0,2259	-0,0649	-0,1610	-954,6700
Pinobanksin	LU57	-0,2291	-0,0697	-0,1594	-954,6530
Pinocembrin	LU58	-0,2276	-0,0654	-0,1622	-879,4800
Sakuranetin	LU59	-0,2221	-0,0623	-0,1598	-993,9640
Syringetin	LU60	-0,1818	-0,0560	-0,1258	-1251,0620
Chrysin	LU62	-0,2227	-0,0741	-0,1487	-992,7380
Pedunculin	LU64	-0,0755	-0,0193	-0,0562	-1221,7090
Baicalein	LU65	-0,2168	-0,0647	-0,1522	-953,4460
Chreriol	LU66	-0,2122	-0,0808	-0,1314	-1067,9200
Diosmetin	LU68	-0,2143	-0,0594	-0,1549	-1067,9300
Echiodinin	LU70	-0,2187	-0,0502	-0,1685	-992,7300
Eupatilin	LU71	-0,2124	-0,0744	-0,1380	-1221,7120
Geraldone	LU73	-0,2158	-0,0678	-0,1481	-992,7410
Hispidulin	LU74	-0,2145	-0,0768	-0,1377	-1067,9410
Gardenin	LU75	-0,2105	-0,0762	-0,1344	-1489,9550
Mosloflavone	LU78	-0,2121	-0,0781	-0,1340	-1032,0450
Negletin	LU80	-0,2132	-0,0623	-0,1509	-992,7410
Nevadensin	LU81	-0,2083	-0,0716	-0,1368	-1221,7200
Nobiletin	LU82	-0,2072	-0,0633	-0,1439	-1414,7480
Norwogonin	LU83	-0,2061	-0,0612	-0,1449	-948,4590
Oroxylin A	LU85	-0,2161	-0,0804	-0,1357	-992,7510
Ipriflavone	LU86	-0,2240	-0,0567	-0,1673	-920,9800
Primetin	LU87	-0,2148	-0,0700	-0,1448	-878,2500
Scutelarein	LU90	-0,2149	-0,0609	-0,1540	-1028,6370
Sinensetin	LU91	-0,2095	-0,0628	-0,1467	-1300,2750
Zapotinin	LU92	-0,2008	-0,0409	-0,1600	-1146,5050
Tectochrysin	LU93	-0,2246	-0,0626	-0,1620	-917,5480
Galangaustin	LU95	-0,2121	-0,0564	-0,1557	-1107,2070

Takakin	LU96	-0,2137	-0,0626	-0,1511	-1067,9280
Wogonin	LU97	-0,2179	-0,0620	-0,1559	-992,7230
Cirsimaritin	LU98	-0,2106	-0,0745	-0,1361	-1107,2350
Ladanenin	LU99	-0,2101	-0,0570	-0,1530	-1107,2260
Salvigenin	LU100	-0,1976	-0,0662	-0,1314	-1140,5690
5-hydroxy- 3,7,4'- trimethoxy kaempferol	LU101	-0,2034	-0,0562	-0,1471	-1146,5090
5-hydroxy- 3,7,3',4'- tetramethoxy kaempferol	LU102	-0,2023	-0,0564	-0,1459	-1260,9850
4'-hydroxy- 3,5,7- trimethoxy kaempferol	LU103	-0,2043	-0,0555	-0,1488	-1146,5090

Lampiran 4 Hasil Penambatan Molekul Senyawa Uji

Kode Ligan	Energi Bebas Ikatan (ΔG) kcal/mol	Konstanta Inhibisi (Ki) μM	Ikatan Hidrogen	Ikatan Hidrofobik
LA1	-11,65	2,89	ARG394, GLU353	MET421,LEU525, ALA350LEU387
LU90	-8,95	0,27	ARG394, GLU353	LEU525,ALA350
LU18	-8,46	0,63	GLU353,GLU419, LEU346,HIS524	ALA350,LEU387, MET421.
LU65	-8,43	0,66	ARG394,GLU353, LEU387	LEU525,ALA350.
LU52	-8,38	0,71	GLU353, LEU387, GLY521,HIS524	ALA350,LEU525.
LU17	-8,37	0,73	GLU353,GLY521 HIS524	ALA350, LEU525
LU4	-8,29	0,84	ARG394,GLU353, GLU419,HIS524	MET421,LEU525, ALA350,LEU387.
LU10	-8,29	0,84	ARG394,GLU353, LEU346,GLY521	MET421,LEU525, ALA350,LEU387.
LU2	-8,28	0,85	ARG394,GLU353, LEU346,HIS524	ALA350,LEU387 ,LEU525,MET421.
LU20	-8,24	0,92	GLU353,GLU419 HIS524	MET421,LEU387, ALA350.
LU3	-8,23	0,93	ARG394,GLU353 GLY420	LEU387,ALA350
LU74	-8,18	1,02	ARG394,GLU353, LEU346 GLY521 HIS524	LEU387,ALA350.
LU46	-8,16	1,05	GLU353,LEU387, GLY521,HIS524	LEU525,ALA350.
LU13	-8,08	1,2	GLU353,GLU419, HIS524	MET421,ALA350, LEU387.
LU37	-8,08	1,2	GLU353,GLU419, HIS524	MET421,ALA350 LEU387.
LU86	-7,98	1,42	-	LEU387,MET421, LEU525.
LU85	-7,96	1,46	ARG394,GLU353, LEU387	LEU525,MET421, ALA350.

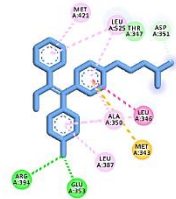
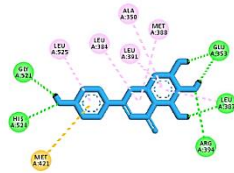
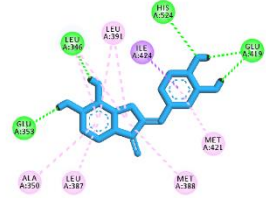
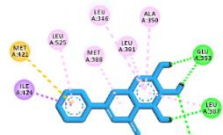
LU33	-7,95	1,49	GLU353, GLU419, GLY521, GLY520, HIS524	ALA350, LEU387, MET421, LEU525.
LU16	-7,95	1,5	GLU353, GLY420, GLY521, LEU346	LEU387, ALA350, MET421, LEU525
LU41	-7,92	1,56	GLU353, GLU419, GLY521, HIS524	MET421, ALA350, LEU387.
LU96	-7,92	1,56	ARG394 , LEU346, GLY521, MET388 LEU387	ALA350, LEU525, MET421.
LU72	-7,9	1,61	ARG394, GLU353, THR347	LEU387, LEU525, ALA350
LU55	-7,9	1,63	ARG394, GLU353, THR347	LEU387, ALA350, LEU525.
LU8	-7,91	1,65	ARG394, GLU353, GLU419 LEU346 HIS524	LEU525, MET421, LEU387, ALA350.
LU35	-7,88	1,67	ARG394, GLU353, MET343 LEU387 THR347	-
LU5	-7,57	1,68	ARG394, GLU353, GLY521, HIS524	ALA350, LEU387, LEU525
LU14	-7,48	1,72	ARG394, GLU353, GLU419 GLY521, HIS524	MET421, LEU387
LU6	-7,46	1,73	ARG394, GLU35 GLY521 LEU346 HIS524	ALA350, LEU387, LEU525.
LU49	-7,85	1,75	ARG394, GLU353, GLY521	LEU525, MET421, LEU387.
LU15	-7,44	1,78	GLU353, GLY521 HIS524	LEU525, LEU387, ALA350.
LU36	-7,82	1,85	-	ALA350, MET421, LEU387
LU83	-7,81	1,89	ARG394, GLU353, MET388, THR347.	ALA350, LEU525, LEU387.
LU92	-7,8	1,92	ARG394, GLU353, LEU387	ALA350, LEU525, MET421.

LU95	-7,8	1,93	ARG394 , LEU346, LEU387, GLY420, GLY521.	-
LU68	-7,79	1,94	GLU353,LEU387, GLY420, MET388 GLY521	ALA350, LEU525 LEU387.
LU1	-7,82	1,96	ARG394, GLU353, GLY521,MET388.	-
LU50	-7,75	2,09	GLU353, LEU387, GLY420, MET388.	LEU525, ALA350.
LU103	-7,7	2,27	ARG394 GLU353	LEU525
LU73	-7,7	2,28	ARG394, GLU353, ASP351, THR347.	ALA350, LEU387, LEU525.
LU39	-7,64	2,5	ARG394, LEU346, GLY521, LEU387, HIS524	ALA350, LEU525.
LU27	-7,63	2,53	ARG394,GLY521, LEU387, MET380 HIS524	ALA350, LEU525.
LU53	-7,63	2,54	GLU353,GLY521, LEU387 dan HIS524	LEU525, ALA350.
LU26	-7,6	2,69	GLU353, GLU419, HIS524, GLY420.	ALA350, MET421.
LU80	-7,6	2,7	GLU353, LEU387, LEU346.	LEU525, ALA350.
LU66	-7,56	2,87	GLU353,LEU387, GLU419.	ALA350, LEU525.
LU44	-7,57	2,81	ARG394,GLU353, HIS524, GLU419, GLY521	ALA350, LEU525.
LU59	-7,56	2,85	GLU353,THR347	LEU525, LEU387.
LU81	-7,54	2,99	ARG394,GLU353, HIS524, GLY420, LYS520, LEU387	ALA350
LU97	-7,49	3,21	LEU346, MET388 LEU387	LEU525, ALA350.

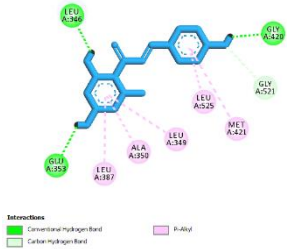
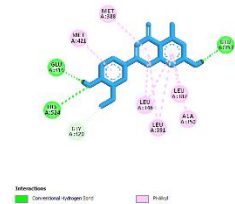
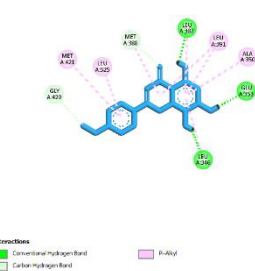
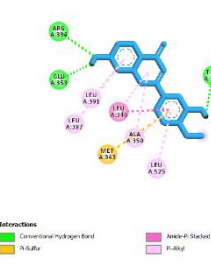
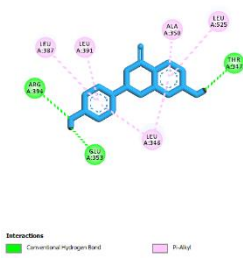
LU56	-7,45	3,44	ARG394, GLU353, THR347	ALA350, LEU525, LEU387.
LU11	-7,4	3,78	GLU353, THR347	ALA350
LU102	-7,33	4,23	ARG394, GLU353, ASP351.	ALA350, LEU525, LEU387.
LU100	-7,31	4,39	MET343, THR347	
LU32	-7,29	4,5	ARG394, GLU353, MET343, THR347, ASP351.	LEU525, ALA350, LEU387.
LU47	-7,29	4,56	GLU353, LEU387, LEU346, LYS520, GLY521, HIS524	MET421, ALA350.
LU40	-7,29	4,57	ARG394, GLU353, THR347, ASP351, LEU346	ALA350, LEU387.
LU98	-7,25	4,87	ARG394, GLY521, HIS524, LEU346, GLU353, LEU387	LEU525, ALA350.
LU34	-7,23	5,05	LEU346, GLU353, LEU387.	MET421, LEU525, LEU387, ALA350.
LU51	-7,17	5,53	ARG394, GLU353 THR347	LEU387, ALA350, LEU525.
LU54	-7,1	6,27	ARG394, GLU353, THR347, LEU387.	ALA350, LEU525.
LU23	-7,1	6,29	ARG394, GLU353	LEU525, ALA350, LEU387.
LU70	-7,09	6,36	GLU353, MET343, THR347, ASP351.	LEU525.
LU87	-7,09	6,37	LEU346, THR347.	LEU387, LEU525, ALA350.
LU58	-7,09	6,38	-	ALA350, LEU387.
LU45	-7,08	6,43	GLU353, LEU387	
LU21	-7,06	6,74	ARG394 ARG394, LEU387 MET343, ASP351, THR347	LEU525, MET421.
LU93	-7,03	6,99	-	- MET421, LEU525, ALA350, MET421.
LU78	-6,97	7,76	ARG394, PRO324	-

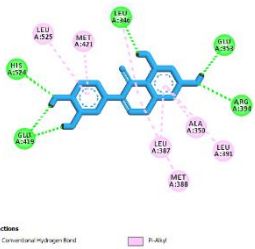
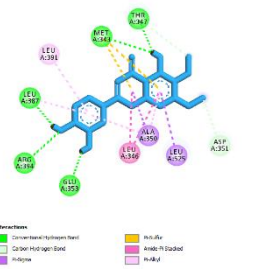
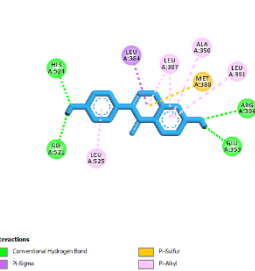
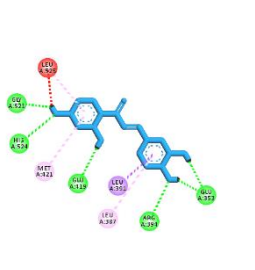
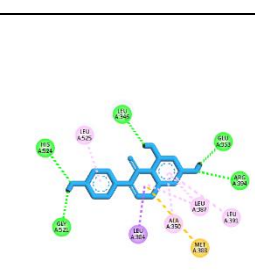
LU42	-7	7,42	GLU353, MET343, ASP351, THR347	-
LU101	-6,99	7,58	ARG394, ASP351, LEU387, MET388, GLU353.	ALA350, LEU525,
LU57	-6,81	10,19	ARG394 dan GLU353	ALA350, LEU387, LEU525.
LU30	-6,8	10,3	ARG394, GLU353, MET343 LEU387, ASP351, THR347	ALA350
LU99	-6,72	11,89	GLU353, LEU346, GLY521, LYS520.	ALA350
LU71	-6,62	14,05	GLU353, ASP351	ALA350
LU38	-6,58	15	GLU323, ILE386, PRO525.	-
LU75	-6,57	15,31	THR347, LEU387, ASP351.	ALA350, LEU525
LU91	-6,53	16,38	ASP351, LEU387	ALA350, LEU525
LU43	-6,45	18,8	ASP351, THR347	ALA350, LEU525.
LU82	-6,44	19,07	ASP351, GLU353.	LEU525
LU60	-6,43	19,29	ASP351, THR347	LEU387, ALA350.
LU64	-5,95	43,32	GLU353	-

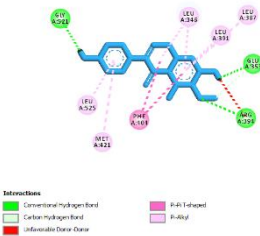
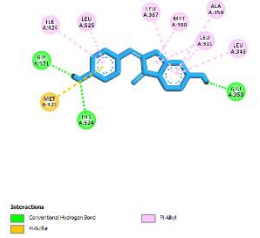
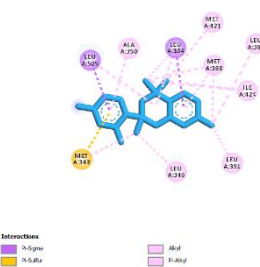
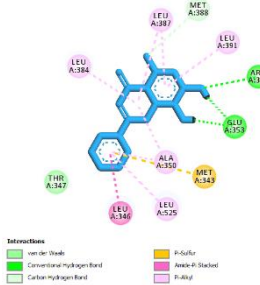
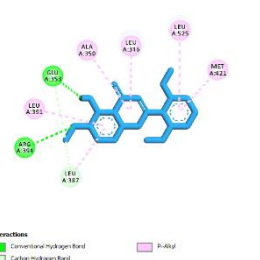
Lampiran 5 Visualisasi Penambatan Molekul Senyawa Uji

Kode Ligan	Visualisasi 2D	Residu Asam Amino
LA1	 Interactions - van der Waals - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - Pi-Sulfur - Amide Pi-Stacked - Pi-Alkyl	MET421,LEU525,THR347,ASP351, ALA350,LEU346, MET343,LEU387, GLU353,ARG394
LU90	 Interactions - Conventional Hydrogen Bond - Pi-Sulfur - Pi-Alkyl	MET421,HIS524,GLY521,LEU525, LEU484,LEU391,ALA350, MET388,GLU353,LEU387,ARG394
LU18	 Interactions - Conventional Hydrogen Bond - Pi-Sulfur - Pi-Alkyl - Pi-Pi	GLU353,LEU346,LEU391,ILE424, HIS524,GLU419,MET421,MET388, LEU387,ALA350
LU65	 Interactions - Conventional Hydrogen Bond - Pi-Sulfur - Pi-Alkyl - Pi-Pi	GLU353,ARG394,LEU387, ILE424, MET421,LEU525, MET388, LEU391,LEU346,ALA350.

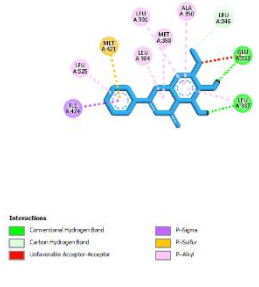
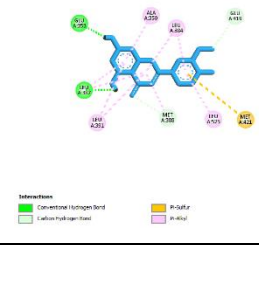
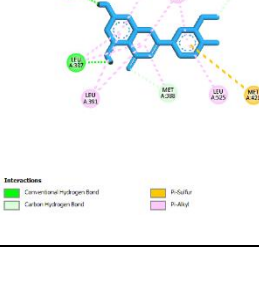
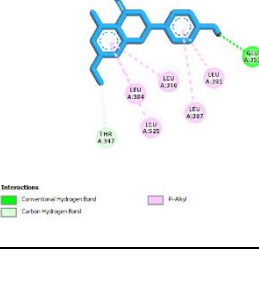
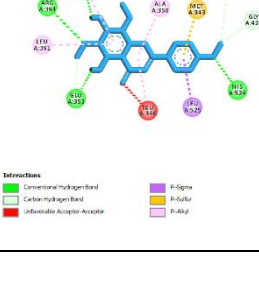
LU13	
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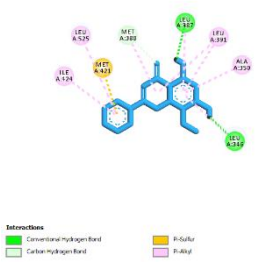
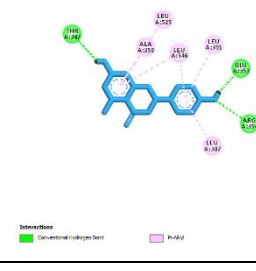
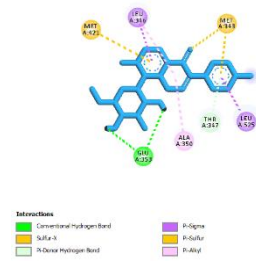
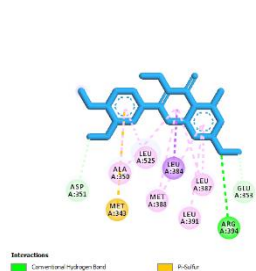
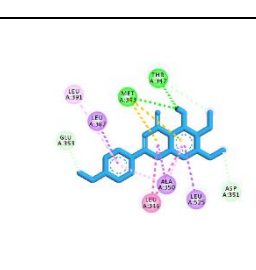
LU16	 Interactions: Conventional Hydrogen Bond Carbon-Hydrogen Bond Pi-Allyl	GLU353,LEU346,GLU420, LEU525,MET421,ALA350, LEU387,LEU349,GLY521
LU41	 Interactions: Conventional Hydrogen Bond Carbon-Hydrogen Bond Pi-Allyl	GLU353,HIS524,GLY419, LEU391,MET421,MET388,ALA350, LEU387,LEU346,GLY420.
LU96	 Interactions: Conventional Hydrogen Bond Carbon-Hydrogen Bond Pi-Allyl	GLU353,LEU346,ALA350,LEU39, LEU387,MET388,LEU525,MET421, GLY521
LU72	 Interactions: Conventional Hydrogen Bond Pi-Sulfur Amino-Pi Stacked Pi-Allyl	GLU353,ARG394,THR347,LEU391, LEU525,ALA35,LEU387,ILE424, LEU346,MET343,
LU55	 Interactions: Conventional Hydrogen Bond Pi-Allyl	GLU353,ARG394,THR347,LEU391, LEU525,ALA350,LEU387,LEU346,

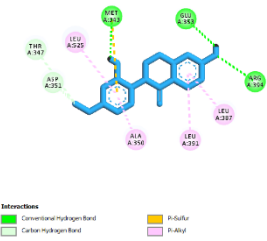
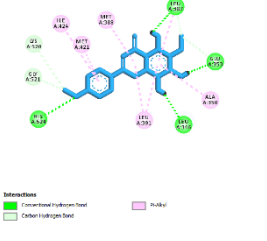
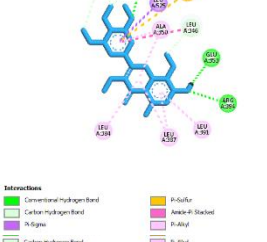
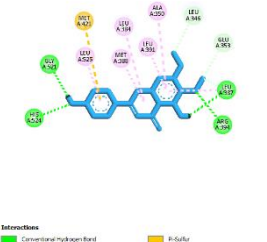
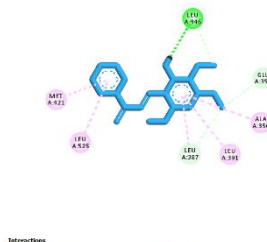
LU8		GLU353,ARG394, LEU346,HIS524, GLU419,ALA350,LEU391,LEU525, MET421,MET388,LEU387
LU35		GLU353,ARG394, LEU387,MET343, THR347,LEU391,LEU525,ALA350, LEU346,ASP351
LU5		GLU353,ARG394,HIS524,GLY521, LEU391,LEU525,ALA350,LEU387, MET388,Leu384.
LU14		GLU353,ARG394,HIS524,GLU419, GLY521,LEU525,MET421,LEU387, LEU391
LU6		ARG394,GLU353,LEU 346,HIS524, GLY521,LEU391,LEU525,ALA350, LEU387,LEU384, MET388.

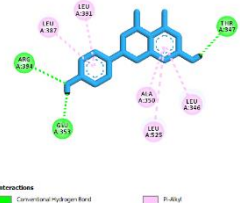
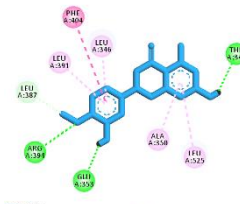
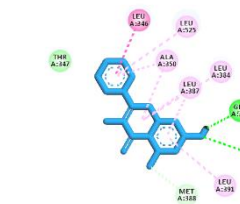
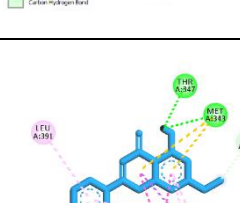
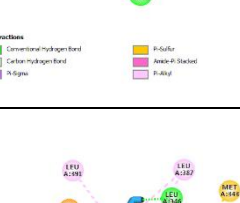
LU49	 Interactions: - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - Unfavorable Donor-Donor - Pi-Alkyl - Pi-Pi Stacked	GLU353,ARG394,GLY,521,LEU391, MET421,LEU387,LEU346,PHE404, LEU525
LU15	 Interactions: - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - Unfavorable Donor-Donor - Pi-Alkyl - Pi-Pi Stacked	GLU353,HIS524,GLY521,LEU391, LEU525,MET388,ALA350, ILE424,LEU387,LEU346,MET421.
LU36	 Interactions: - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - Unfavorable Donor-Donor - Pi-Alkyl - Pi-Pi Stacked	LEU391,LEU525,MET421,MET388, ALA350,ILE424,LEU387,LEU346, LEU525,LEU384,MET343
LU83	 Interactions: - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - Unfavorable Donor-Donor - Pi-Alkyl - Pi-Pi Stacked	Glu353,ARG394,LEU346,LEU525, ALA350,MET343,LEU391,MET388, LEU387,LEU384
LU92	 Interactions: - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - Unfavorable Donor-Donor - Pi-Alkyl - Pi-Pi Stacked	GLU353,ARG394,LEU391,LEU525, MET421,ALA350,LEU346, LEU387

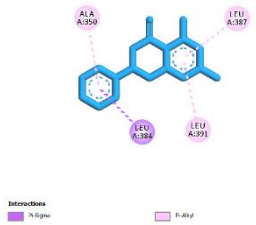
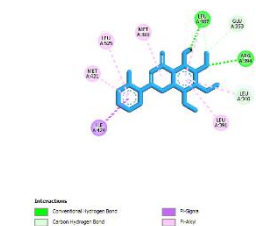
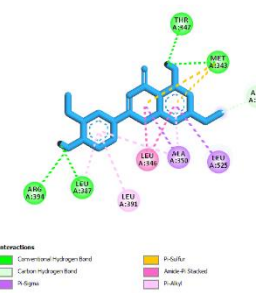
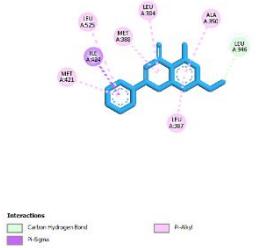
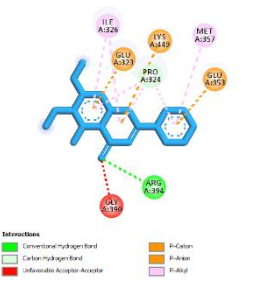
LU95	Interactions - Conventional Hydrogen Bond - Carbon Hydrogen Bond - Hydrophobic Interaction - pi-Sulfur - pi-Alkyl	ARG394,LEU387,LEU346,LEU391, ILE424,LEU349,LEU384,GLY521, GLY420 ,ALA350,LEU349.
LU68	Interactions - Conventional Hydrogen Bond - Carbon Hydrogen Bond - Hydrophobic Interaction - pi-Sulfur - pi-Alkyl	GLU353,LEU387,GLY521,LEU391, LEU525,ILE424,ALA350,LEU346, GLY420,MET388,MET421
LU1	Interactions - Conventional Hydrogen Bond - Carbon Hydrogen Bond - Hydrophobic Interaction - pi-Sulfur - pi-Alkyl	LEU489,ALA493,MET490,GLU444, LEU495,ARG503,ASN439,MET438, MET347
LU50	Interactions - Conventional Hydrogen Bond - Carbon Hydrogen Bond - Hydrophobic Interaction - pi-Sulfur - pi-Alkyl	GLU353,LEU387,LEU391,LEU525, ALA350,MET421,LEU384,LEU346, GLY420,
LU103	Interactions - Conventional Hydrogen Bond - Carbon Hydrogen Bond - Hydrophobic Interaction - pi-Sulfur - pi-Alkyl	GLU353,ARG394,LEU391,LEU387, MET343,LEU346,LEU525.

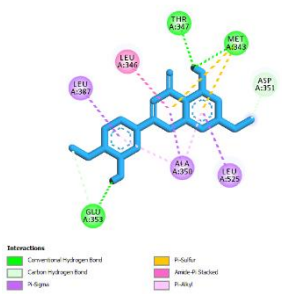
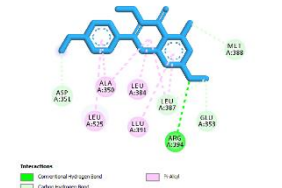
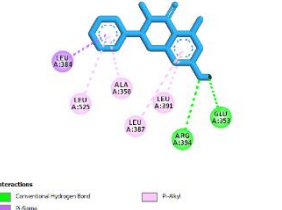
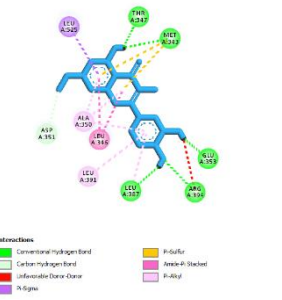
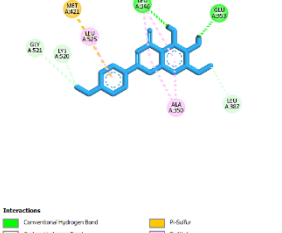
LU80		ILE424,LEU525,MET421,LEU384, MET388,LEU391,ALA350,LEU346, GLU353,LEU387.
LEU66		GLU353,LEU387,LEU391,MET388, LEU525,MET421,GLU419,LEU384, ALA350.
LU44		GLU353,LEU387,LEU391,MET388, LEU525,MET421,GLU419,LEU384, ALA350
LU59		THR347,LEU384,LEU525,LEU346, LEU387,LEU391,GLU353
LU81		GLU353,LEU346,LEU525,HIS524, GLY420,LYS520,MET343,ALA350, LEU387,ARG394,LEU391

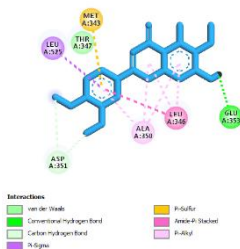
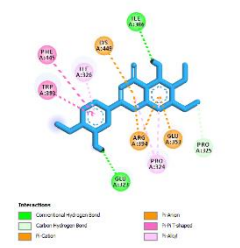
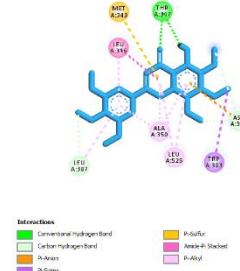
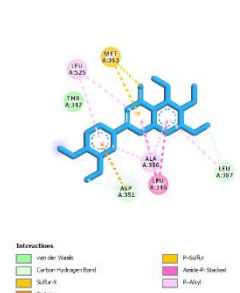
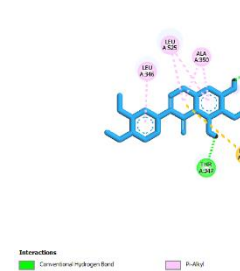
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LU56		LEU387,ARG394,GLU353,LEU391, LEU346,LEU525,ALA350,THR347
LU11		GLU353,ALA350,THR347,LEU525, MET343,LEU346,MET421
LU102		ARG394,GLU353,LEU387,LEU391, LEU384,MET388,LEU525,ALA350, MET343,ASP351.
LU100		GLU353,LEU387,LEU391,MET343, THR347,ASP351,LEU525,ALA350, LEU346

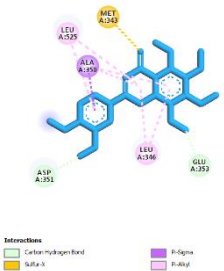
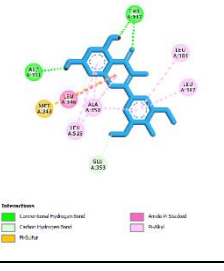
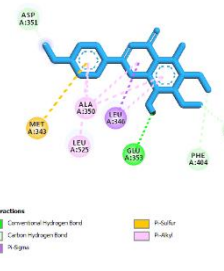
LU32	 Interactions - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - Pi-Sulfur - Pi-Allyl	ARG394, GLU353, MET343, LEU525, ASP351, THR347, ALA350, LEU391, LEU387
LU47	 Interactions - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - Pi-Allyl	LEU387, GLU353, ALA350, LEU346, LEU391, HIS524, GLY521, LYS520, ILE424, MET421, MET388
LU40	 Interactions - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - Pi-Sulfur - Amide-PI Stacked - Pi-Allyl - Unfavorable Dipole-Dipole	ASP351, THR347, LEU525, MET343, ALA350, LEU346, GLU353, ARG394, LEU391, LEU387, LEU384
LU98	 Interactions - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - Pi-Sulfur	ARG394, LEU387, GLU353, LEU346, ALA350, LEU391, MET388, LEU384, MET421, LEU525, GLY521, HIS524.
LU34	 Interactions - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - Pi-Allyl	LEU346, MET421, LEU525, LEU387, LEU391, ALA350, GLU353

LU51	 Interactions: - Conventional Hydrogen Bond - Pi-Allyl	GLU353,ARG394,LEU387,LEU391,THR347,ALA350,LEU525,LEU346
LU54	 Interactions: - Conventional Hydrogen Bond - Pi-Allyl - Pi-Pi Stacked	GLU353,ARG394,LEU387,LEU391,PHE404,LEU346,THR347,ALA350,LEU525
LU23	 Interactions: - Conventional Hydrogen Bond - Pi-Allyl - Pi-Pi Stacked	LEU346,LEU525,ALA350,LEU387,LEU384,GLU353,ARG394,LEU391,MET388
LU70	 Interactions: - Conventional Hydrogen Bond - Pi-Allyl - Pi-Pi Stacked	LEU391,THR347,MET343,ASP351,ALA350,LEU346,LEU525,GLU353,LEU387
LU87	 Interactions: - Conventional Hydrogen Bond - Pi-Allyl - Pi-Pi Stacked	PHE404,LEU349,GLU353,LEU391,LEU346,LEU387,MET343,THR347,LEU525,ALA350

LU58		ALA350,LEU384,LEU391,LEU387
LU45		ILE424,MET421,LEU525,MET388, LEU387,GLU353,ARG394,LEU346, LEU391.
LU21		ARG394,LEU387,LEU391,LEU346, ALA350,LEU525,ASP351,MET343, THR347
LU93		LEU387,LEU346,ALA350,LEU384, MET388,LEU525,ILE424,MET421.
LU78		GLY390,ARG394,GLU353,MET357, PRO324,LYS449,GLU323,ILE326

LU42		GLU353,LEU387,LEU346,THR347, MET343,ASP351,LEU525,ALA350
LU101		MET388,GU353,ARG394,LEU387, LEU391,LEU384,ALA350,LEU525, ASP351
LU57		LEU384,LEU525,ALA350,LEU387, LEU391,ARG394,GLU353.
LU30		GLU353,ARG394,LEU387,LEU391, LEU346,ALA350,ASP351,LEU525, THR347,MET343
LU99		GLY521,LYS520,LEU525,MET421, LEU346,GLU353,LEU387,ALA350

LU71	 Interactions: - van der Waals - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - Pi-Cation - Pi-Sulfur - Pi-Pi Stacked - Pi-Allyl	ASP351,LEU525,THR347,MET343, GLU353,LEU346,ALA350
LU38	 Interactions: - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - Pi-Cation - Pi-Sulfur - Pi-Pi Stacked - Pi-Allyl	GLU323,ARG394,PRO324,GLU353, PRO325,ILE388,LYS449,ILE326, PHE445,TRP393
LU75	 Interactions: - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - Pi-Cation - Pi-Sulfur - Pi-Pi Stacked - Pi-Allyl	MET343,THR347,LEU346,ASP351, TRP383,LEU525,ALA350,LEU387.
LU91	 Interactions: - van der Waals - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - Sulfur-S - Pi-Cation - Pi-Sulfur - Pi-Pi Stacked - Pi-Allyl	LEU387,LEU346,ALA350,ASP351, THR347,LEU525,MET343
LU43	 Interactions: - Conventional Hydrogen Bond - Pi-Sulfur - Pi-Allyl	THR347,MET343,ASP351,ALA350, LEU525,LEU346

LU82	 Interactions: - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - Pi-Sulfur - Pi-Sigma - Pi-Alkyl	GLU353,LEU346,ASP351,ALA350,LEU525,MET343
LU60	 Interactions: - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - Pi-Sulfur - Pi-Sigma - Pi-Alkyl	THR347,LEU384,LEU387,GLU353,LEU525,ALA350,LEU346,MET343,ASP351
LU64	 Interactions: - Conventional Hydrogen Bond - Carbon-Hydrogen Bond - Pi-Sulfur - Pi-Sigma - Pi-Alkyl	ASP351,MET343,ALA350,LEU525,LEU346,GLU353,PHE404,LEU487

Lampiran 6 Hasil Ikatan Hidrogen

Kode Ligan	Acceptor	Donor H	Donor	Frac	Okupansi (%)
LA	GLU_353	LA1_553	LA1_553	0,7961	79,61
	GLU_353	LA1_553	LA1_553	0,1347	13,47
	LA1_553	LYS_529	LYS_529	0,0900	9,00
	LA1_553	LYS_529	LYS_529	0,0884	8,84
	LA1_553	LYS_529	LYS_529	0,0771	7,71
	LA1_553	LYS_529	LYS_529	0,0039	0,39
	LA1_553	LYS_529	LYS_529	0,0039	0,39
	LA1_553	LYS_529	LYS_529	0,0035	0,35
	LA1_553	ARG_394	ARG_394	0,0019	0,19
	LEU_3437	LA1_553	LA1_553	0,0001	0,01
	ARG_394	LA1_553	LA1_553	0,0000	0,00
LU90	GLU_353	L90_553	L90_553	0,9979	99,79
	GLU_353	L90_553	L90_553	0,9957	99,57
	GLU_3469	L90_553	L90_553	0,5761	57,61
	HIE_524	L90_553	L90_553	0,0791	7,91
	LEU_3437	L90_553	L90_553	0,0639	6,39
	SER_527	L90_553	L90_553	0,0145	1,45
	L90_553	SER_527	SER_527	0,0016	0,16
	GLY_3470	L90_553	L90_553	0,0011	0,11
	HIE_524	L90_553	L90_553	0,0006	0,06
	L90_553	SER_527	SER_527	0,0003	0,03
	L90_553	ARG_394	ARG_394	0,0003	0,03
	THR_347	L90_553	L90_553	0,0002	0,02
	GLU_353	L90_553	L90_553	0,0001	0,01
	L90_553	ARG_394	ARG_394	0,0000	0,00
	MET_343	L90_553	L90_553	0,0000	0,00
LU18	GLU_346	L18_553	L18_553	0,6676	66,76
	GLU_353	L18_553	L18_553	0,5185	51,85
	GLU_353	L18_553	L18_553	0,2868	28,68
	LEU_346	L18_553	L18_553	0,1315	13,15
	HIE_524	L18_553	L18_553	0,0189	1,89
	GLU_346	L18_553	L18_553	0,0097	0,97
	GLY_347	L18_553	L18_553	0,0096	0,96
	HIE_524	L18_553	L18_553	0,0078	0,78
	GLY_347	L18_553	L18_553	0,0039	0,39
	GLU_346	L18_553	L18_553	0,0026	0,26
	GLY_521	L18_553	L18_553	0,0021	0,21

	L18_553	THR_347	THR_347	0,0014	0,14
	THR_347	L18_553	L18_553	0,0007	0,07
	GLU_346	L18_553	L18_553	0,0007	0,07
	HIE_524	L18_553	L18_553	0,0007	0,07
	PHE_99	PHE_404	L18_553	0,0005	0,05
	HIE_524	L18_553	L18_553	0,0001	0,01
	MET_343	L18_553	L18_553	0,0001	0,01
	LEU_44	L18_553	L18_553	0,0001	0,01
	LEU_346	L18_553	L18_553	0,0000	0,00
	L18_553	ARG_394	ARG_394	0,0000	0,00
	LYS_520	L18_553	L18_553	0,0000	0,00
	L18_553	LYS_520	LYS_520	0,0000	0,00
	ALA_350	L18_553	L18_553	0,0000	0,00
	L18_553	MET_421	MET_421	0,0000	0,00
	GLY_521	L18_553	L18_553	0,0000	0,00
	L18_553	LYS_520	LYS_520	0,0000	0,00
	HIE_524	L18_553	L18_553	0,0000	0,00
	L18_553	LYS_520	LYS_520	0,0000	0,00
LU65	GLU_353	L65_553	L65_553	0,8771	87,71
	GLU_353	L65_553	L65_553	0,8759	87,59
	LEU_343	L65_553	L65_553	0,1226	12,26
	GLU_353	L65_553	L65_553	0,1207	12,07
	GLU_353	L65_553	L65_553	0,1207	12,07
	L65_553	ARG_394	ARG_394	0,0005	0,05
	L65_553	ARG_394	ARG_394	0,0001	0,01
LU10	GLU_353	L10_553	L10_553	0,6558	65,58
	GLU_346	L10_553	L10_553	0,5511	55,11
	GLU_353	L10_553	L10_553	0,3203	32,03
	HIE_524	L10_553	L10_553	0,0107	1,07
	GLY_521	L10_553	L10_553	0,0076	0,76
	LEU_343	L10_553	L10_553	0,0072	0,72
	GLY_347	L10_553	L10_553	0,0069	0,69
	LEU_346	L10_553	L10_553	0,0060	0,60
	HIE_524	L10_553	L10_553	0,0004	0,04
	L10_553	MET_421	MET_421	0,0003	0,03
	L10_553	ARG_394	ARG_394	0,0003	0,03
	L10_553	GLU_346	GLU_346	0,0000	0,00
	L10_553	MET_421	MET_421	0,0000	0,00
LU20	GLU_353	L20_553	L20_553	0,6513	65,13
	GLU_346	L20_553	L20_553	0,6468	64,68

	GLU_353	L20_553	L20_553	0,3385	33,85
	HIE_524	L20_553	L20_553	0,0949	9,49
	GLU_346	L20_553	L20_553	0,0224	2,24
	THR_347	L20_553	L20_553	0,0073	0,73
	HIE_524	L20_553	L20_553	0,0062	0,62
	L20_553	HIE_524	HIE_524	0,0054	0,54
	L20_553	THR_347	THR_347	0,0041	0,41
	SER_527	L20_553	L20_553	0,0027	0,27
	GLY_347	L20_553	L20_553	0,0022	0,22
	MET_343	L20_553	L20_553	0,0021	0,21
	SER_527	L20_553	L20_553	0,0016	0,16
	L20_553	ARG_394	ARG_394	0,0005	0,05
	L20_553	SER_527	SER_527	0,0004	0,04
	L20_553	THR_347	THR_347	0,0001	0,01
	GLY_347	L20_553	L20_553	0,0001	0,01
	L20_553	LYS_529	LYS_529	0,0000	0,00
	L20_553	LYS_529	LYS_529	0,0000	0,00
	HIE_524	L20_553	L20_553	0,0000	0,00
	L20_553	LYS_529	LYS_529	0,0000	0,00
	L20_553	LYS_529	LYS_529	0,0000	0,00
	LEU_220	L20_553	L20_553	0,0000	0,00
	L20_553	LYS_529	LYS_529	0,0000	0,00
	L20_553	GLU_346	GLU_346	0,0000	0,00
LU2	GLU_353	LU2_553	LU2_553	0,5131	51,31
	GLU_353	LU2_553	LU2_553	0,4633	46,33
	LU2_553	ARG_394	ARG_394	0,0011	0,11
	LU2_553	HIE_524	HIE_524	0,0007	0,07
	LEU_343	LU2_553	LU2_553	0,0005	0,05
	LEU_346	LU2_553	LU2_553	0,0005	0,05
	LU2_553	ARG_394	ARG_394	0,0000	0,00
	ARG_394	LU2_553	LU2_553	0,0000	0,00
LU3	GLU_353	LU3_553	LU3_553	0,5354	53,54
	GLU_353	LU3_553	LU3_553	0,4612	46,12
	LU3_553	ARG_394	ARG_394	0,0007	0,07
	LU3_553	HIE_524	HIE_524	0,0000	0,00
LU4	GLU_353	LU4_553	LU4_553	0,6699	66,99
	GLU_353	LU4_553	LU4_553	0,2899	28,99
	GLU_346	LU4_553	LU4_553	0,2647	26,47
	GLY_521	LU4_553	LU4_553	0,1814	18,14
	HIE_524	LU4_553	LU4_553	0,0094	0,94

	LU4_553	ARG_394	ARG_394	0,0014	0,14
	GLY_347	LU4_553	LU4_553	0,0003	0,03
	LU4_553	MET_421	MET_421	0,0003	0,03
	LU4_553	HIE_524	HIE_524	0,0001	0,01
	LEU_44	LU4_553	LU4_553	0,0001	0,01
	LU4_553	HIE_524	HIE_524	0,0001	0,01
	LU4_553	MET_421	MET_421	0,0000	0,00
	HIE_524	LU4_553	LU4_553	0,0000	0,00
	LU4_553	LEU_220	LEU_220	0,0000	0,00
	HIE_524	LU4_553	LU4_553	0,0000	0,00
	MET_421	LU4_553	LU4_553	0,0000	0,00
LU52	GLU_353	L52_553	L52_553	0,7422	74,22
	GLU_353	L52_553	L52_553	0,1987	19,87
	THR_42	L52_553	L52_553	0,1264	12,64
	THR_42	L52_553	L52_553	0,0396	3,96
	MET_528	L52_553	L52_553	0,0083	0,83
	LEU_220	L52_553	L52_553	0,0019	0,19
	L52_553	THR_42	THR_42	0,0011	0,11
	L52_553	LYS_529	LYS_529	0,0011	0,11
	L52_553	LYS_529	LYS_529	0,001	0,10
	L52_553	HIE_524	HIE_524	0,001	0,10
	L52_553	LYS_529	LYS_529	0,0008	0,08
	L52_553	ARG_394	ARG_394	0,0005	0,05
	L52_553	THR_42	THR_42	0,0003	0,03
	L52_553	LYS_529	LYS_529	0,0003	0,03
	MET_38	L52_553	L52_553	0,0003	0,03
	L52_553	LYS_529	LYS_529	0,0003	0,03
	L52_553	LYS_529	LYS_529	0,0003	0,03
	GLY_521	L52_553	L52_553	0,0002	0,02
	LEU_220	L52_553	L52_553	0,0001	0,01
	ASP_46	L52_553	L52_553	0,0001	0,01
	MET_528	L52_553	L52_553	0,0000	0,00
	LEU_346	L52_553	L52_553	0,0000	0,00
	L52_553	HIE_524	HIE_524	0,0000	0,00
	L52_553	CYS_225	CYS_225	0,0000	0,00
	L52_553	CYS_225	CYS_225	0,0000	0,00
LU17	GLU_353	L17_553	L17_553	0,9926	99,26
	HIE_524	L17_553	L17_553	0,5636	56,36
	LEU_346	L17_553	L17_553	0,173	17,30
	GLU_419	L17_553	L17_553	0,0836	8,36

GLY_420	L17_553	L17_553	0,012	1,20
SER_527	L17_553	L17_553	0,0064	0,64
MET_528	L17_553	L17_553	0,0018	0,18
GLY_521	L17_553	L17_553	0,0016	0,16
L17_553	LYS_529	LYS_529	0,0012	0,12
L17_553	LYS_529	LYS_529	0,0008	0,08
L17_553	LYS_529	LYS_529	0,0008	0,08
SER_527	L17_553	L17_553	0,0008	0,08
L17_553	ARG_394	ARG_394	0,0002	0,02
MET_421	L17_553	L17_553	0,0001	0,01
L17_553	HIE_524	HIE_524	0,0001	0,01
L17_553	LYS_529	LYS_529	0,0000	0,00
LEU_387	L17_553	L17_553	0,0000	0,00
L17_553	LYS_529	LYS_529	0,0000	0,00
HIE_524	L17_553	L17_553	0,0000	0,00
MET_528	L17_553	L17_553	0,0000	0,00

Lampiran 7 Hasil Turnitin

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 Fakultas Farmasi
Universitas
Bhakti Kencana

Pembimbing Utama	: Dr. apt. Deden Indra Dinata, M.Si
Nama Mahasiswa	: Yunan Nabli Binawan
NPM	: 201FF03151
Bidang Ilmu	: AFKM

Catatan : Kartu ini harus dibawa setiap kali melakukan bimbingan dan harus diisi oleh dosen pembimbing.



KARTU BIMBINGAN TUGAS AKHIR II

Pembimbing Serta	: Dr. apt. Fauzan Zein Muttaqin, M.Si
Nama Mahasiswa	: Yunan Nabil Binawan
NPM	: 201FF03151
Bidang Ilmu	: AFKM

[illegible]

Calatan : Kartu ini harus dibawa setiap kali melakukan bimbingan dan harus diisi oleh dosen pembimbing.

Lampiran 9 CV

YUNAN NABIL BINAWAN

08586359848 | yunannabilbinawan@gmail.com

Jl. Soekarno Hatta, Cipadung Kidul, kec. Panyilekan kota Bandung

Saya merupakan mahasiswa Farmasi dari Universitas Bhakti Kencana Bandung. saya memiliki pengalaman dalam bidang kesehatan, pendidikan dan promosi. Saya bertanggungjawab dan antusias dalam hal baru, saya komunikatif dan mudah beradaptasi dengan cepat.

Pengalaman Kerja

Pt. Menarini - Cikarang

Mar 2023 - Jun 2023

Magang

Perusahaan ini membidangi dalam proses pembuatan obat-obatan

- Melakukan monitoring stok opname barang, baik bahan baku maupun bahan pengemas dengan pengecekan setiap hari
- Melakukan proses penerimaan dan pengiriman barang sesuai dengan SOP yang berlaku
- Melakukan proses evaluasi SOP yang berlaku di departemen supply chain
- Berhasil mengerjakan pembukuan faktur barang dengan cepat dan teliti

Bisnis Dropshipper

Jan 2020 - Jan 2021

Owner

- Mempromosikan dan menjual produk baik dalam sosial media ataupun offline dengan berinteraksi dengan customer sehingga dapat mencapai target penjualan dengan maksimal.
- Berhasil memberikan lapangan pekerjaan dan membantu dalam pencapaian target secara maksimal.

Pendidikan

Universitas Bhakti Kencana Bandung - Bandung

Oct 2020 -

Gelar Sarjana Farmasi in, 3.58/4.00

- Mengikuti program kreativitas mahasiswa pada tahun 2021. Dengan melakukan pembuatan produk makanan dan berhasil melakukan penjualan diberbagai daerah.
- Mengerjakan tugas perkuliahan dengan sangat baik dan tidak pernah melewati deadline yang sudah di berikan.
- Mengikuti gelar karya pada tahun 2020 dan memasarkan produk yang sudah dibuat.

SMAN 1 Jampangtengah - Sukabumi

Jun 2017 - May 2020

Ilmu Pengetahuan Alam in, 90.00/100.00

- Melakukan penelitian mengenai pertumbuhan dan perkembangan suatu tanaman sampai melakukan pasca panen dan menjual hasil tanaman tersebut.
- Mengadakan webinar mengenai Konesling Remaja dengan dihadiri >100 Pelajar

Pengalaman Organisasi

Kuliah Kerja Nyata - Bandung

Jun 2020 - Jul 2020

Wakil Ketua

- Membantu kinerja ketua dalam mengkoordinir setiap kegiatan KKN
- Melakukan pengarahan serta bimbingan dalam setiap kegiatan KKN
- Mengadakan kegiatan seminar kepada warga mengenai STUNTING dan berhasil mengkoordinir >100 warga

SMAN 1 Jampngtengah - Sukabumi

Apr 2018 - Mar 2019

Ketua Pusat Informasi Konseling Remaja

- Membantu Guru Bimbingan Konseling dalam menyelesaikan permasalahan di sekolah
- Mengikuti event Duta Genre Kabupaten Sukabumi

- Sukabumi

May 2018 - Apr 2019

Koordinator OSIS Sekbid 2

- Membantu menjalankan program OSIS sebid dengan dengan mengadakan event di setiap hari besar nasional

- Sukabumi

Jun 2018 - Jul 2019

Bendahara Pramuka

- Mengkoordinir semua keuangan di kepramukaan

Kemampuan

- **Hard Skills** (2021): Microsoft Office
-