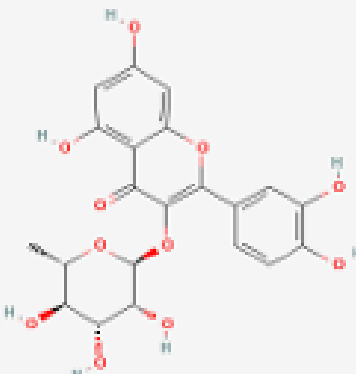
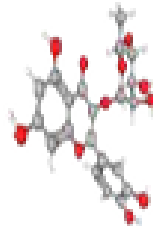
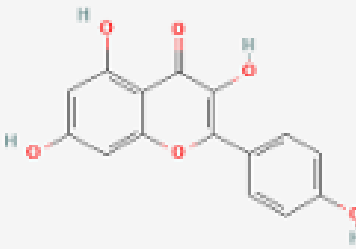
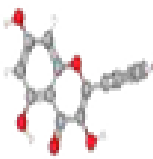
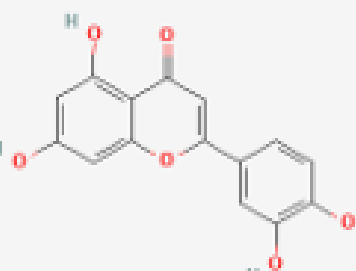
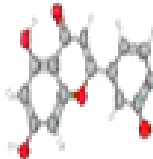


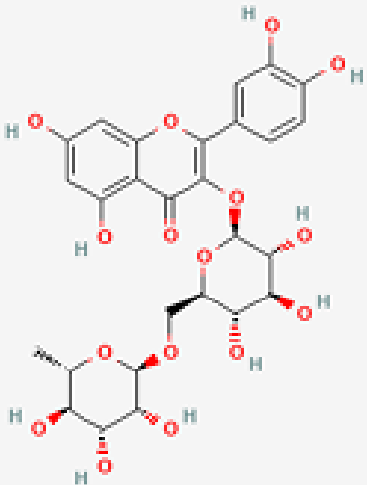
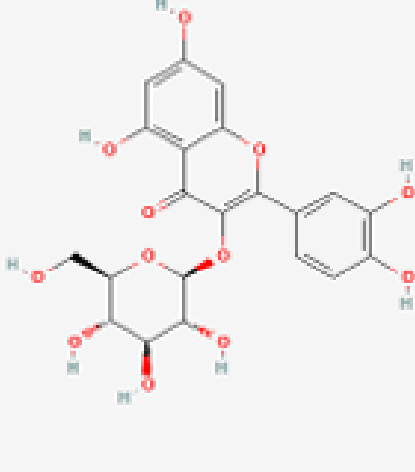
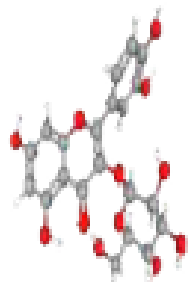
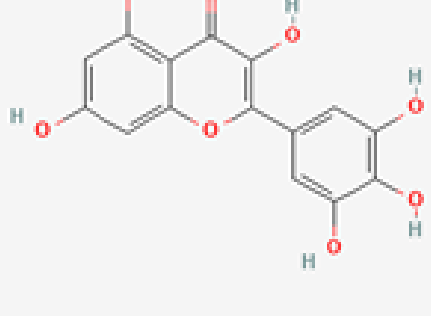
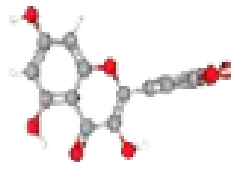
Lampiran 1. Senyawa Kimia yang Terkandung dalam Daun Senggani

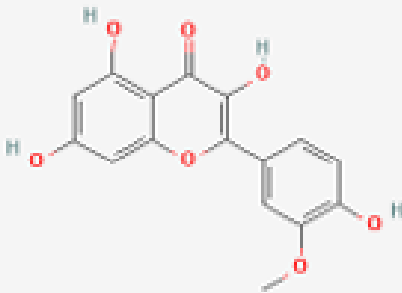
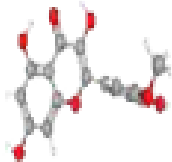
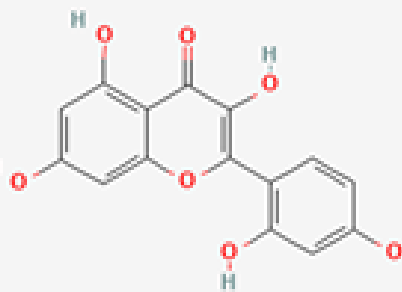
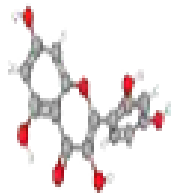
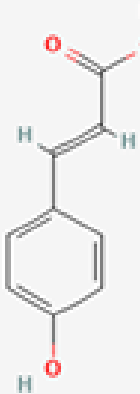
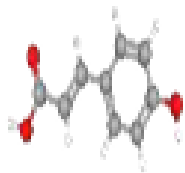
Kode senyawa	Nama Senyawa	SMILES
DS1	Quercetin	<chem>C1=CC(=C(C=C1C2=C(C(=O)C3=C(C=C(C(=C3O2)O)O)O)O)O</chem>
DS2	Kaempferol	<chem>C1=CC(=CC=C1C2=C(C(=O)C3=C(C=C(C(=C3O2)O)O)O)O</chem>
DS3	Luteolin	<chem>C1=CC(=C(C=C1C2=CC(=O)C3=C(C=C(C(=C3O2)O)O)O)O</chem>
	Rutin	<chem>C[C@H]1[C@@H]([C@H]([C@H]([C@@H](O1)OC[C@H]2[C@H]([C@@H]([C@H]([C@@H](O2)OC3=C(OC4=CC(=CC(=C4C3=O)O)O)C5=CC(=C(C=C5)O)O)O)O)O)O</chem>
DS4		<chem>C1=CC(=C(C=C1C2=C(C(=O)C3=C(C=C(C(=C3O2)O)O)O)O)O)O</chem>
DS5	Isoquercetin	<chem>C1=CC(=C(C=C1C2=C(C(=O)C3=C(C=C(C(=C3O2)O)O)O)O)O</chem>
DS6	Myricetin	<chem>C1=C(C=C(C(=C1O)O)O)C2=C(C(=O)C3=C(C=C(C(=C3O2)O)O)O</chem>
DS7	Isorhamnetin	<chem>COC1=C(C=CC(=C1)C2=C(C(=O)C3=C(C=C(C(=C3O2)O)O)O)O</chem>
DS8	Morin	<chem>C1=CC(=C(C=C1O)O)C2=C(C(=O)C3=C(C=C(C(=C3O2)O)O)O</chem>
DS9	p-Coumaric acid	<chem>C1=CC(=CC=C1/C=C/C(=O)O)O</chem>
DS10	Gallic acid	<chem>C1=C(C=C(C(=C1O)O)O)C(=O)O</chem>
DS11	Limonene	<chem>CC1=CCC(CC1)C(=C)C</chem>
DS12	Graniol	<chem>CC(=CCC/C(=C/CO)/C)C</chem>
DS13	Linalool	<chem>CC(=CCCC(C)(C=C)O)C</chem>
	Lupeol	<chem>CC(=C)[C@@H]1CC[C@]2([C@H]1[C@H]3CC[C@@H]4[C@]5(CC[C@@H](C([C@@H]5CC[C@]4([C@@]3(CC2)C)C(C)O)C)C[C@H]1C(=O)CC[C@@H]2[C@@]1(CC[C@H]3[C@]2(CC[C@@]4([C@@]3(CC[C@@]5([C@H]4CC(CC5)(C)C)C)C)C)C</chem>
DS14		
DS15	Friedelin	
DS16	sesquiterpenoid	<chem>CC(C)[C@H]1[C@@H](CC(=C)[C@@H]2[C@@H]1[C@@H](CC2)C(=O)C)O</chem>
DS17	α -Pinene	<chem>CC1=CCC2CC1C2(C)C</chem>
DS18	β -Caryophyllene	<chem>C/C1=C\CCC(=C)[C@H]2CC([C@@H]2CC1)(C)C</chem>
DS19	Gossypetin	<chem>C1=CC(=C(C=C1C2=C(C(=O)C3=C(O2)C(=C(C(=C3O)O)O)O)O</chem>
DS20	Chrysin	<chem>C1=CC=C(C=C1)C2=CC(=O)C3=C(C=C(C(=C3O2)O)O</chem>
DS21	Baicalein	<chem>C1=CC=C(C=C1)C2=CC(=O)C3=C</chem>

DS22	Secoisolariciresinol	<chem>(O2)C=C(C(=C3O)O)O COC1=C(C=CC(=C1)C[C@@H]) (CO) [C@@H] (CC2= CC(=C(C=C2)O)OC)CO)O</chem>
DS23	Matairesinol	<chem>COC1=C(C=CC(=C1)C[C@H])2OOC(=O)[C@@H]2CC3=CC(=C(C=C3)O)OC)O</chem>
DS24	Tropane	<chem>CN1C2CCCC1CC2 C1[C@H](OC2=CC(=CC(=C2 C1=O)O)O)C3=CC=C(C=C3)O</chem>
DS25	Narigenin	<chem>C([C@@H]1[C@H]([C@@H]([C@H]) ([C@H](O1)O[C@]2([C@H]([C@@H] ([C@H](O2)CO)O)O)CO)O)O)O</chem>
DS26	Sucrose	
DS27	Fructose	<chem>C([C@H]([C@H]([C@@H](C (=O)CO)O)O)OP(=O)(O)O CC(=O)OC[C@@H]1[C@H] ([C@@H]([C@H]([C@@H] (O1)OC(=O)C)OC(=O)C)OC(=O)C)OC(=O)C</chem>
DS28	Glucose	
DS29	Quinazolin	<chem>C1=CC2=CN=CN=C2C(=C1)N CC[C@H] (/C=C/[C@@H](C) [C@H]1CC[C@@H]2[C@@]1(CC[C@H]3C2=CC[C@@H] 4[C@@]3(CC[C@@H](C4)O)C)C(C)C C[C@H](CC[C@@H](C)C(C)C) [C@H]1CC[C@@H]2[C@@]1(CC[C@H]3[C@H]2CC=C4 [C@@]3(CC[C@@H](C4)O)C)C</chem>
DS30	β -Sitosterol	
DS31	Campesterol	
DS32	Palmitic acid	<chem>CCCCCCCCCCCCCCCC(=O)O</chem>
DS33	Oleic acid	<chem>CCCCCCCC/C=C\CCCCCCCC(=O)O</chem>
DS34	Hyperoside	<chem>C1=CC(=C(C=C1C2=C(C(=O) C3=C(C=C(C=C3O2)O)O)O [C@H]4[C@@H]([C@H] ([C@H]([C@H](O4)CO)O)O)O)O</chem>
DS35	Eriodictyol	<chem>C1[C@H](OC2=CC(=CC (=C2C1=O)O)O)C3=CC(=C(C=C3)O)O</chem>
DS36	Isoquinoline	<chem>C1=CC=C2C=NC=CC2=C1</chem>
DS37	Fisetin	<chem>C1=CC(=C(C=C1C2=C (C(=O)C3=C(O2)C=C(C=C3)O)O)O)O</chem>

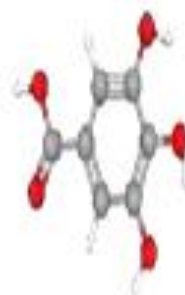
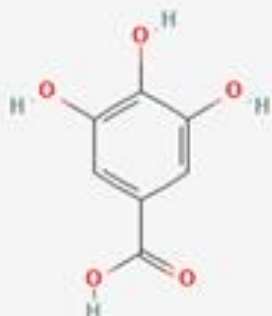
Lampiran 2. Struktur 2D dan 3D Senyawa Uji

Nama senyawa	Struktur 2D	Struktur 3D
DS1		
DS2		
DS3		

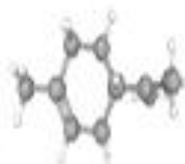
DS4	 Chemical structure of DS4, a complex polycyclic molecule featuring multiple hydroxyl groups and a central ring system.	 3D ball-and-stick model of DS4, showing the spatial arrangement of atoms and the overall molecular shape.
DS5	 Chemical structure of DS5, a complex polycyclic molecule featuring multiple hydroxyl groups and a central ring system.	 3D ball-and-stick model of DS5, showing the spatial arrangement of atoms and the overall molecular shape.
DS6	 Chemical structure of DS6, a complex polycyclic molecule featuring multiple hydroxyl groups and a central ring system.	 3D ball-and-stick model of DS6, showing the spatial arrangement of atoms and the overall molecular shape.

DS7	 <chem>O=C1C(=C(O)C(=C(O)C1OC2=CC(=CC(=C2)O)O)O)C3=CC(=CC(=C3)O)O</chem>	
DS8	 <chem>O=C1C(=C(O)C(=C(O)C1OC2=CC(=CC(=C2)O)O)O)C3=CC(=CC(=C3)O)O</chem>	
DS9	 <chem>O=C1C(=C(O)C(=C(O)C1OC2=CC(=CC(=C2)O)O)O)C3=CC(=CC(=C3)O)O</chem>	

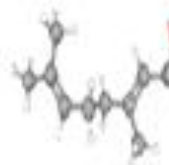
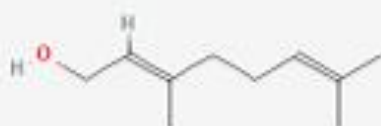
DS10



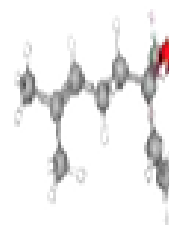
DS11



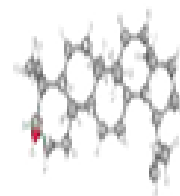
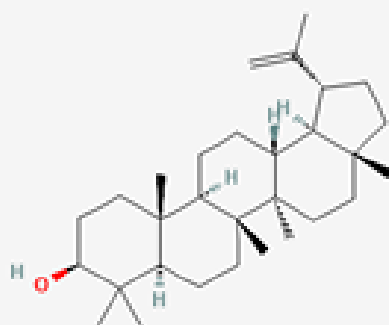
DS12



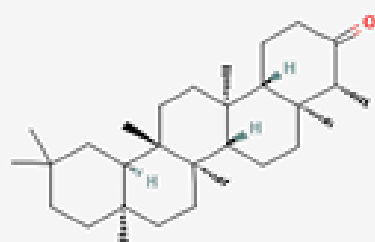
DS13



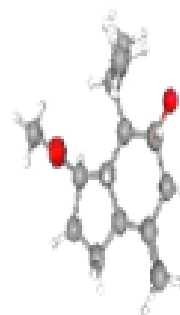
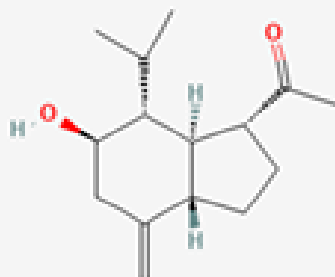
DS14



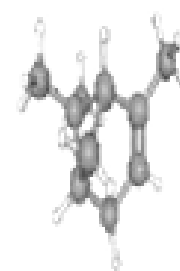
DS15



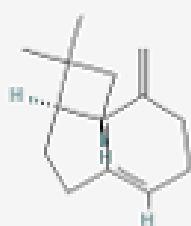
DS16



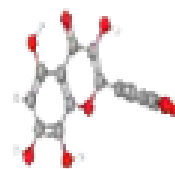
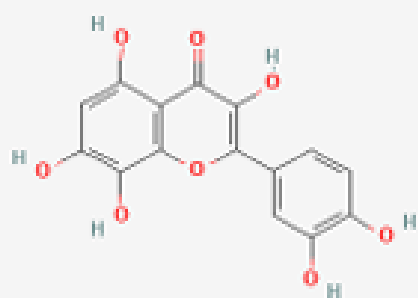
DS17



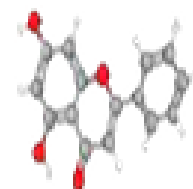
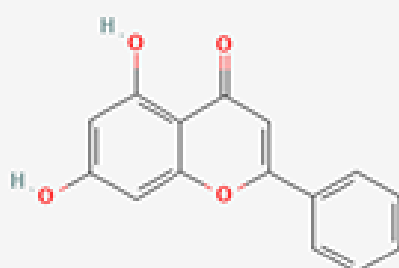
DS18



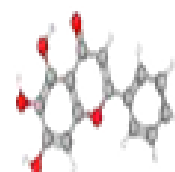
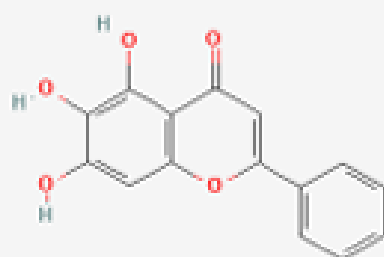
DS19



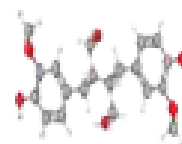
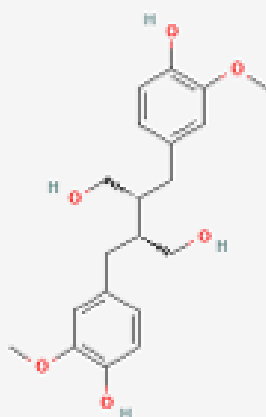
DS20



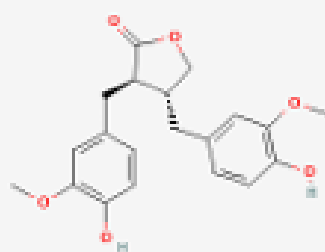
DS21



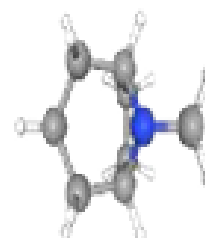
DS22



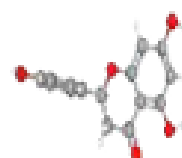
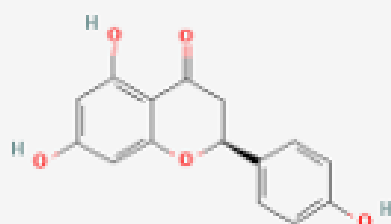
DS23



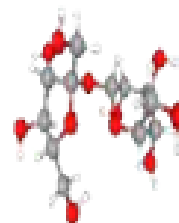
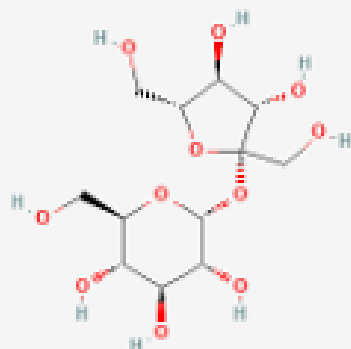
DS24



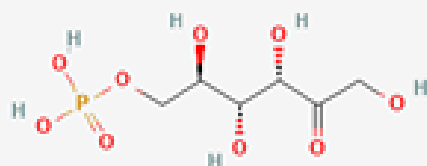
DS25



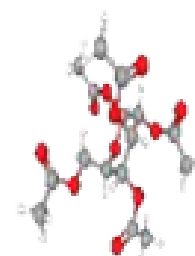
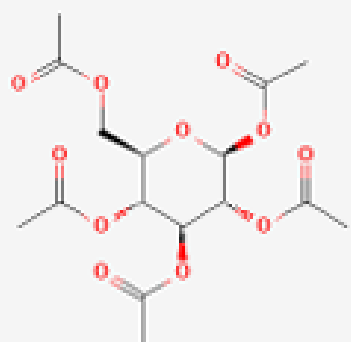
DS26



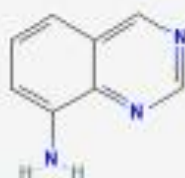
DS27



DS28



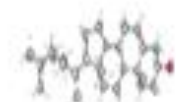
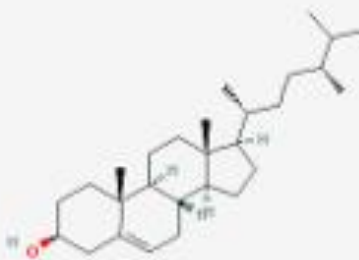
DS29



DS30



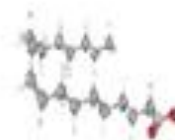
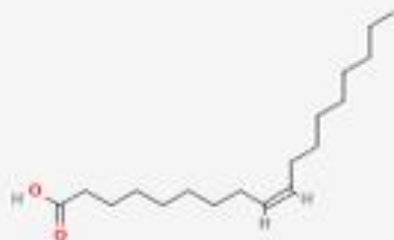
DS31



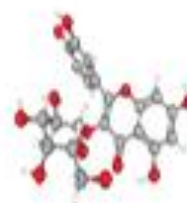
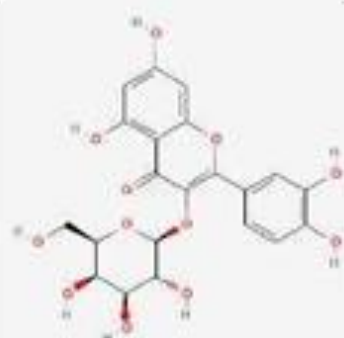
DS32



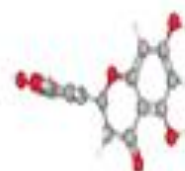
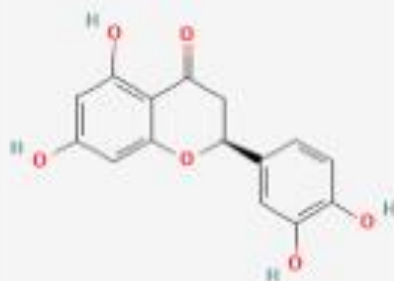
DS33



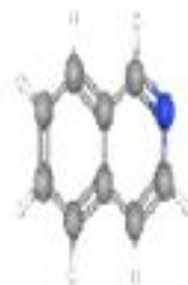
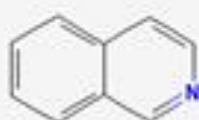
DS34



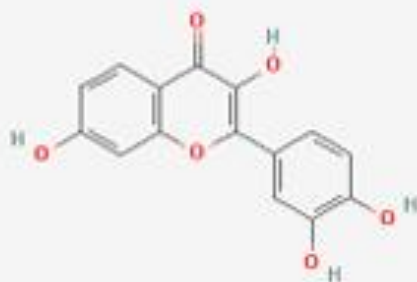
DS35



DS36



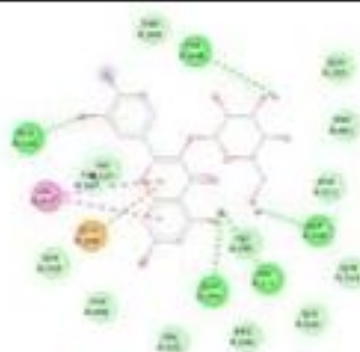
DS37



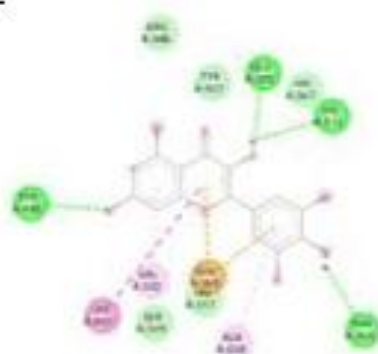
DS4



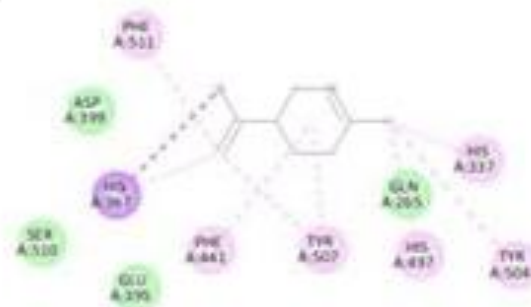
DS5



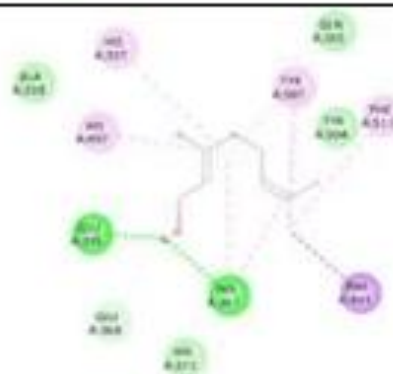
DS6



DS11



DS12



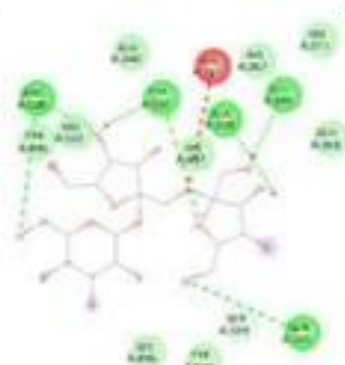
DS13



DS14



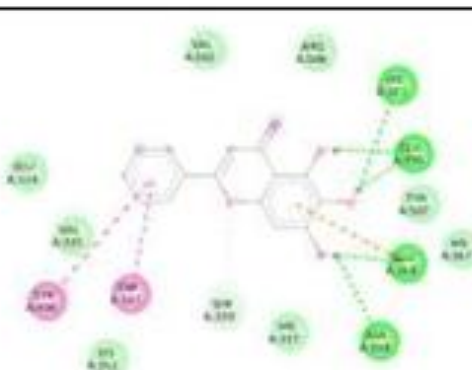
DS19



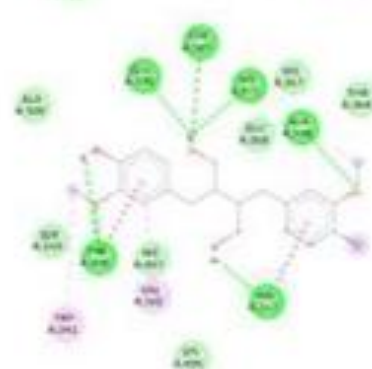
DS20



DS21



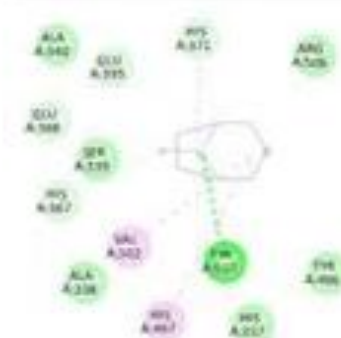
DS22



DS23



DS24



DS25



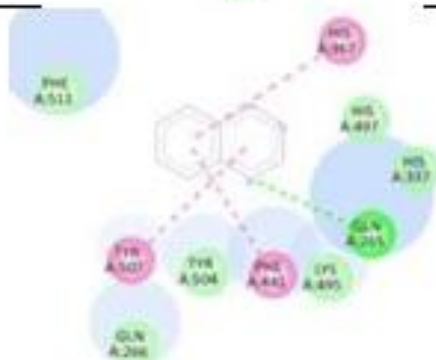
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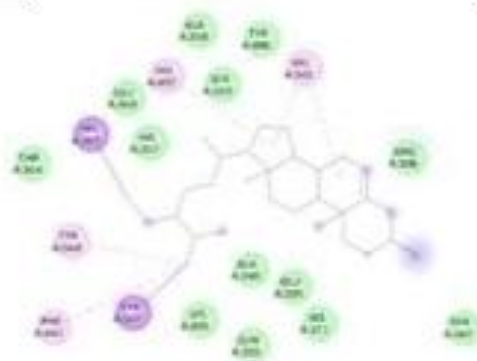
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DS29



DS30



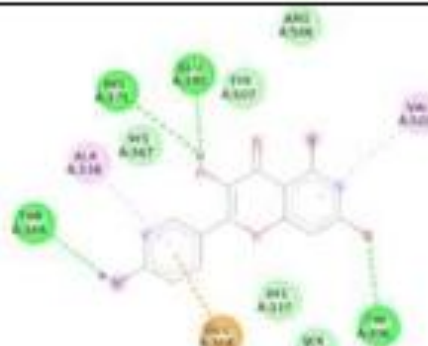
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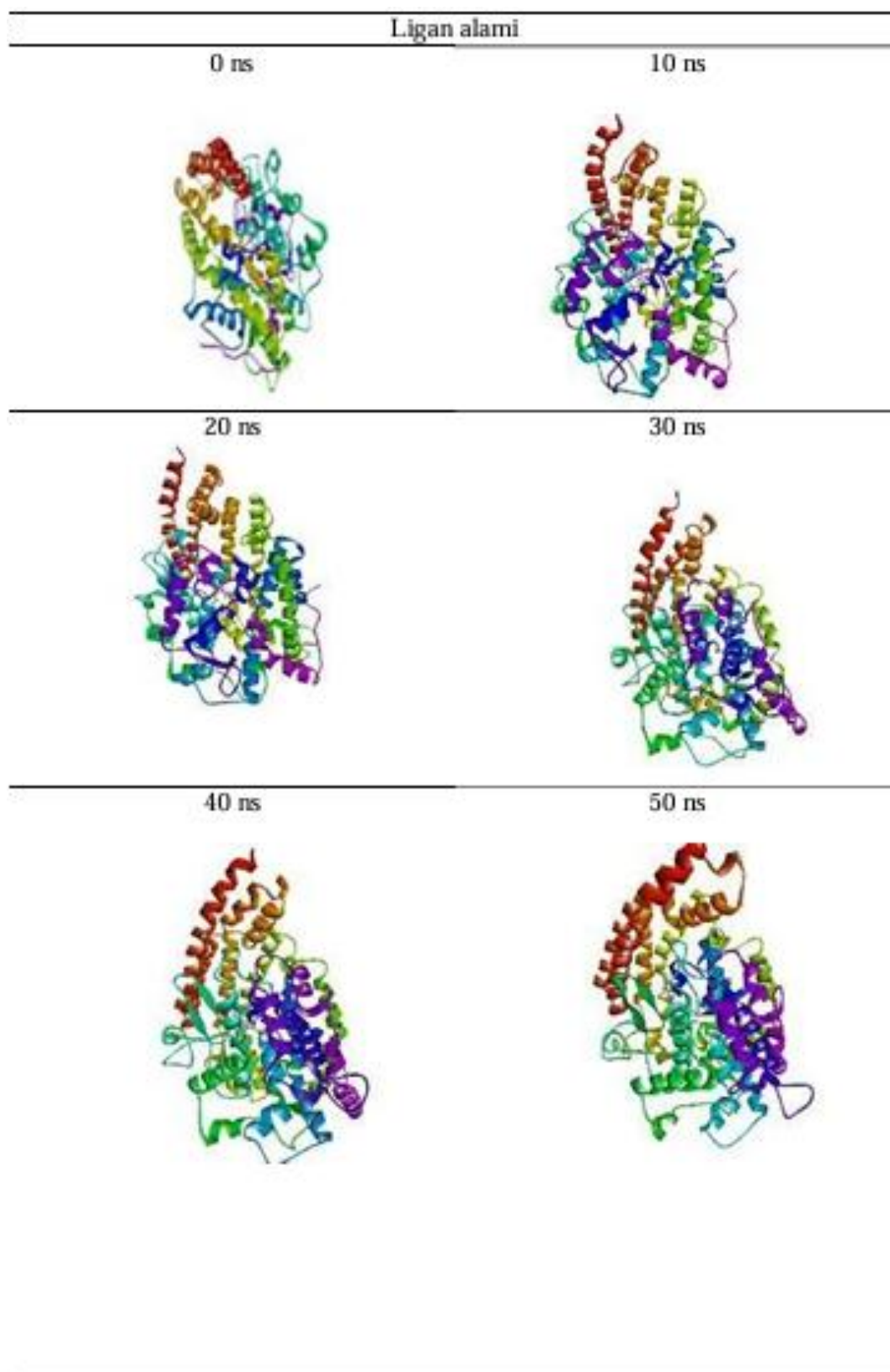


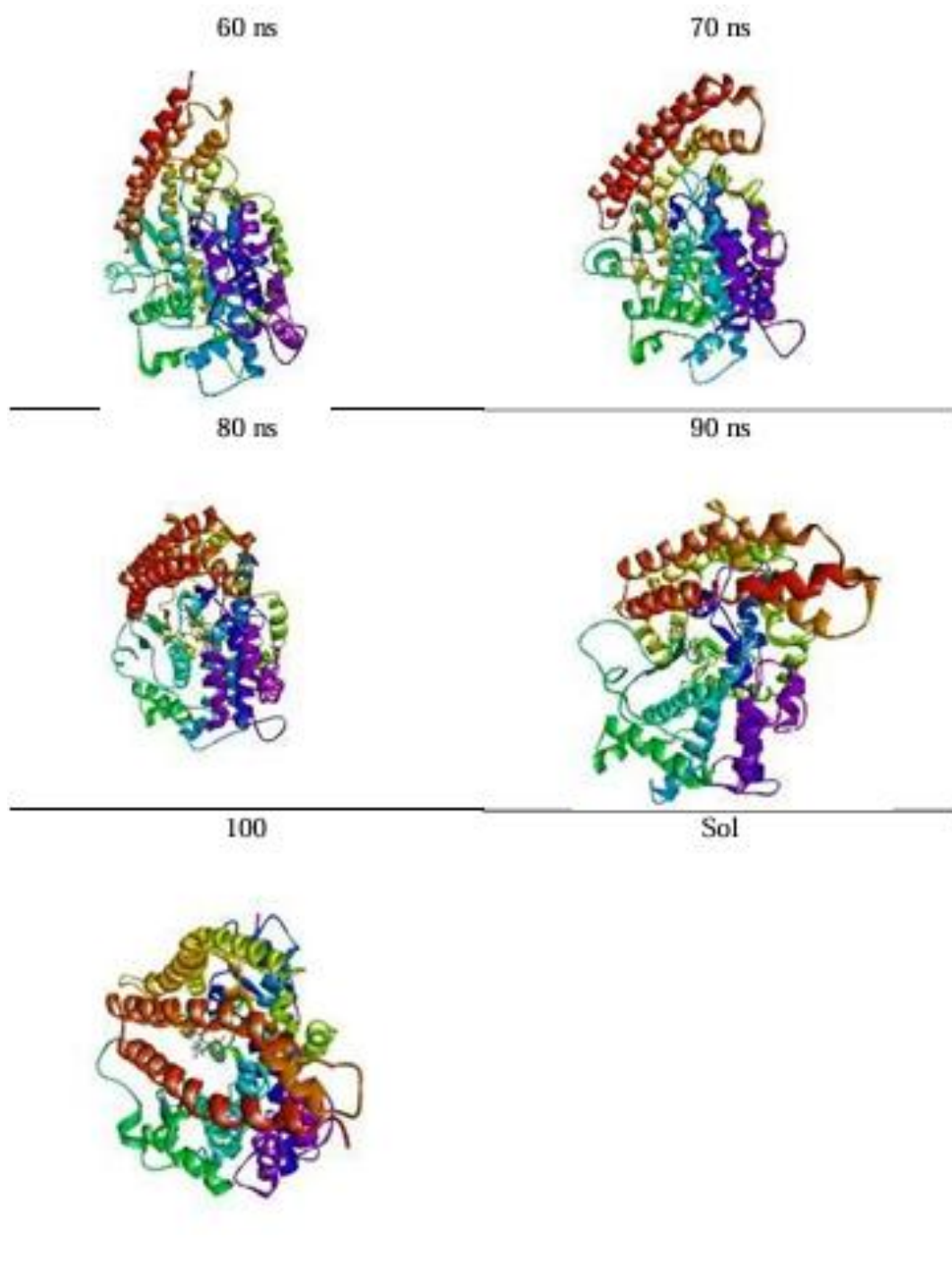
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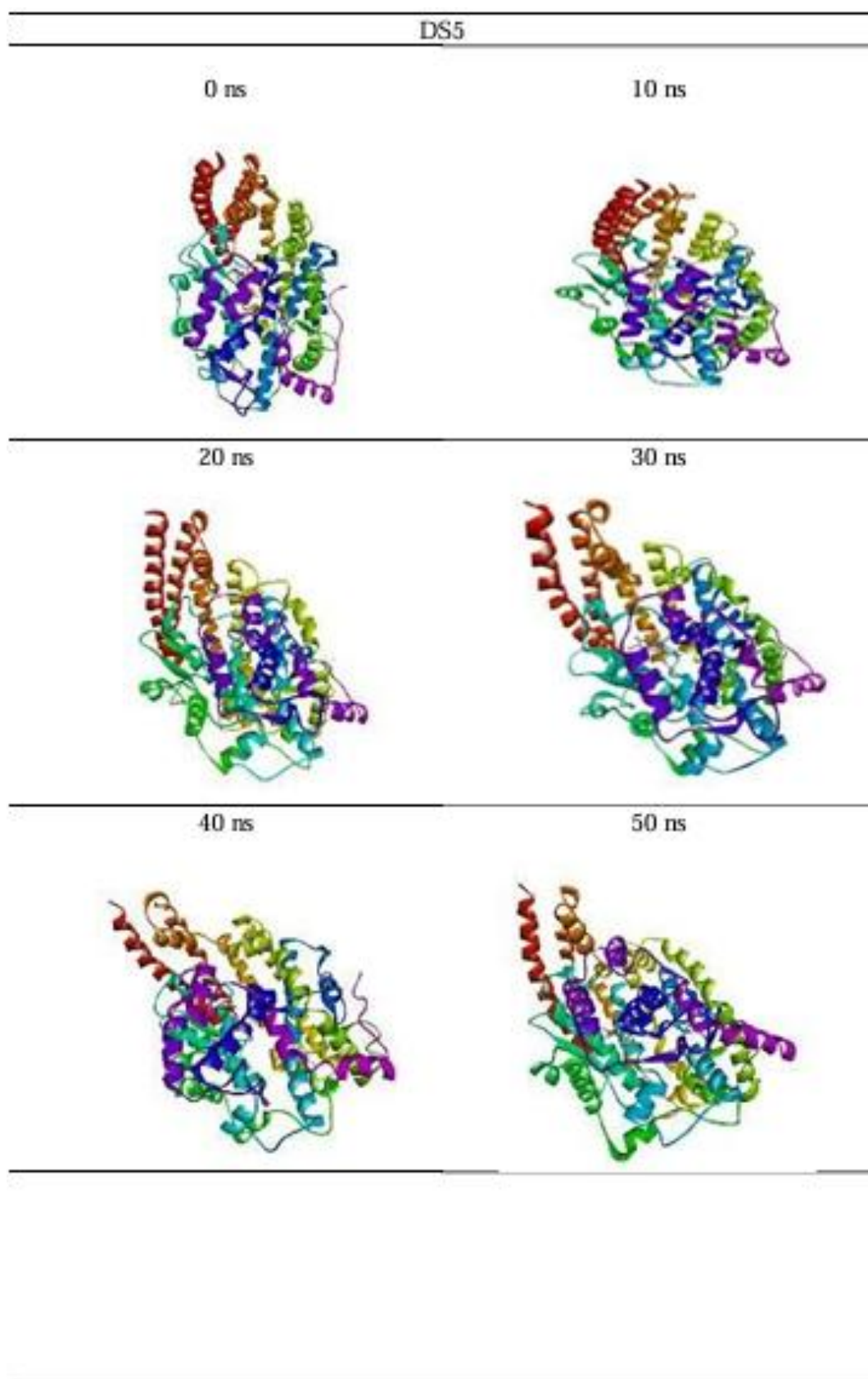


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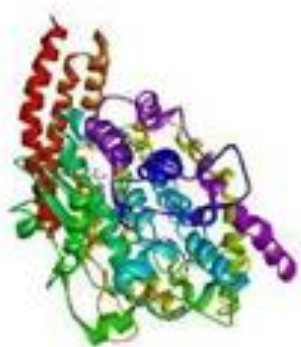


Lampiran 4. Konformasi Struktur Senyawa

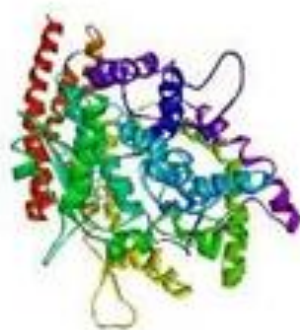




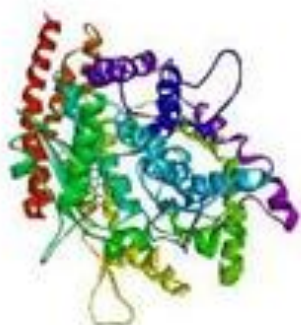
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70 ns



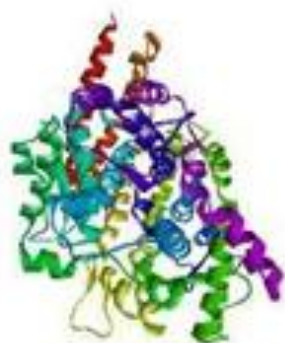
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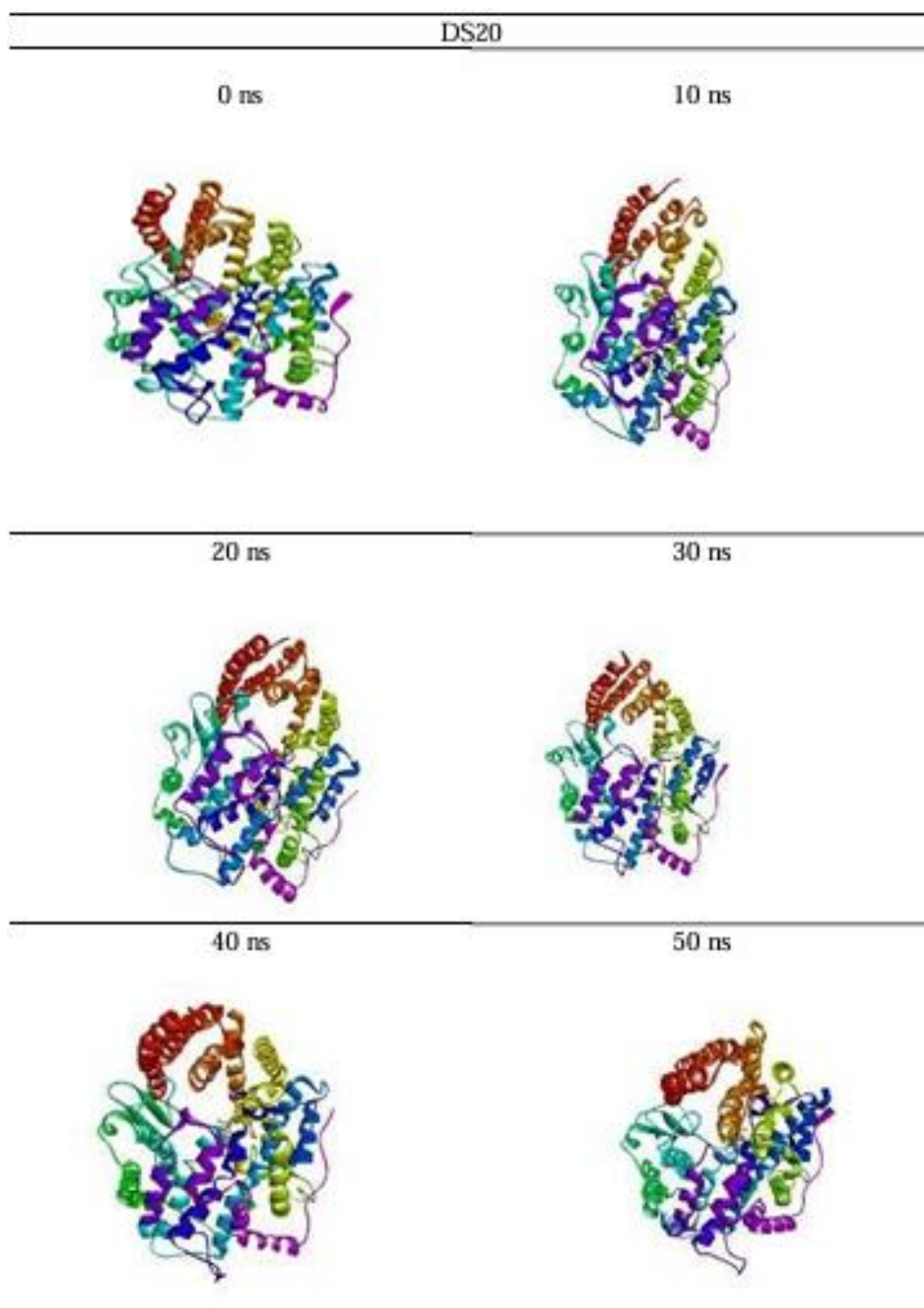
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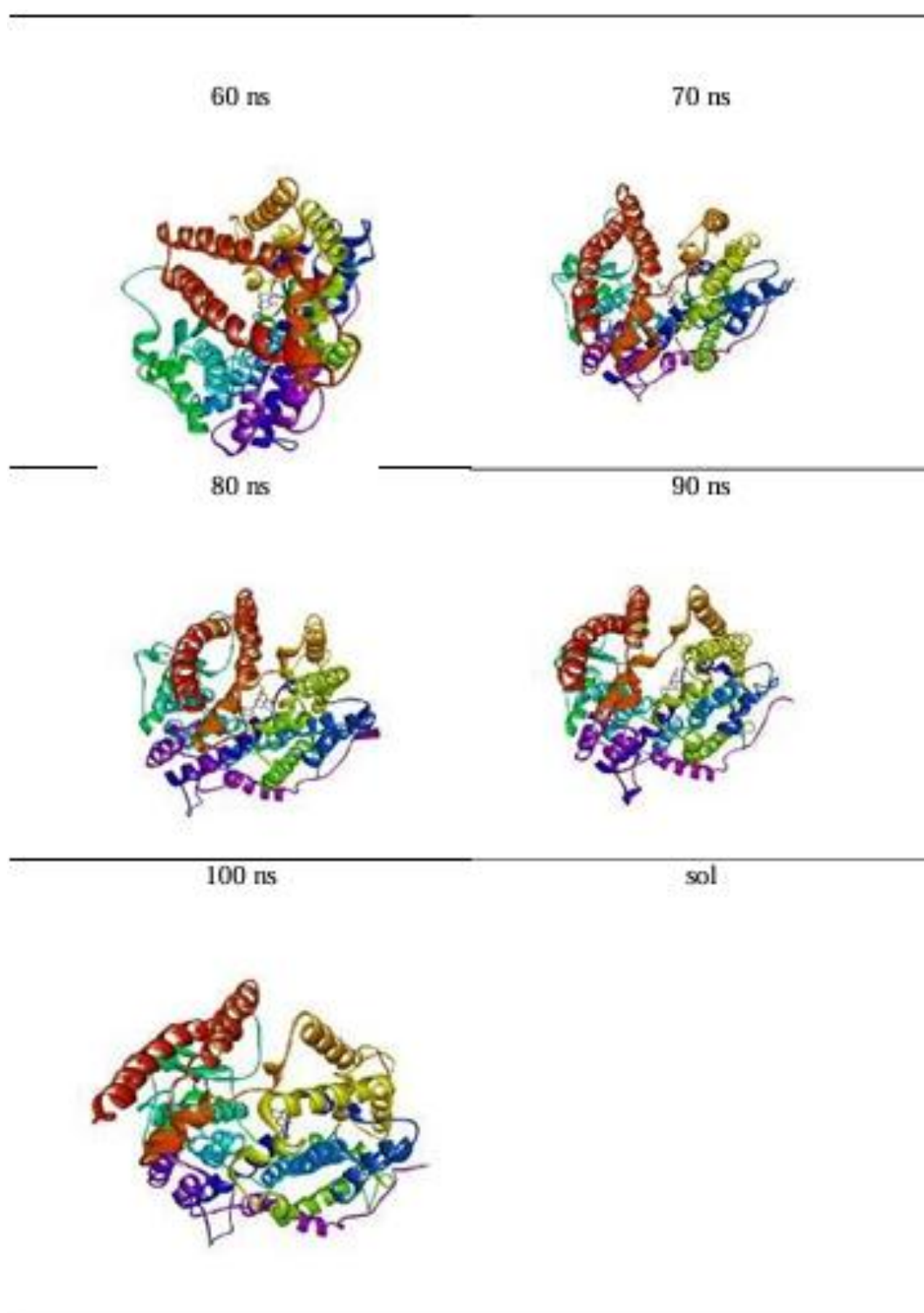


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sol





DS34

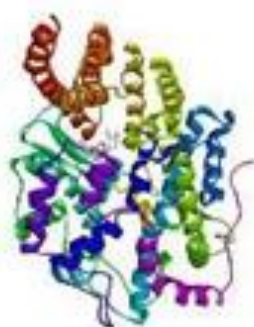
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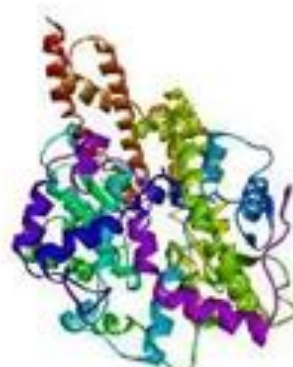
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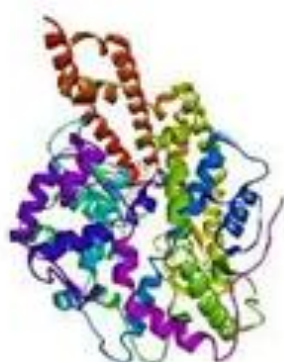
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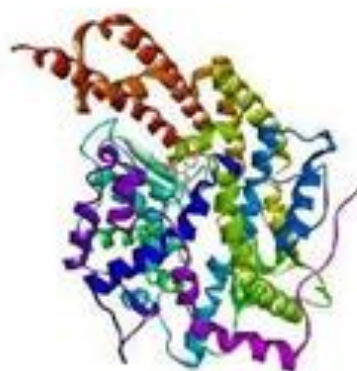
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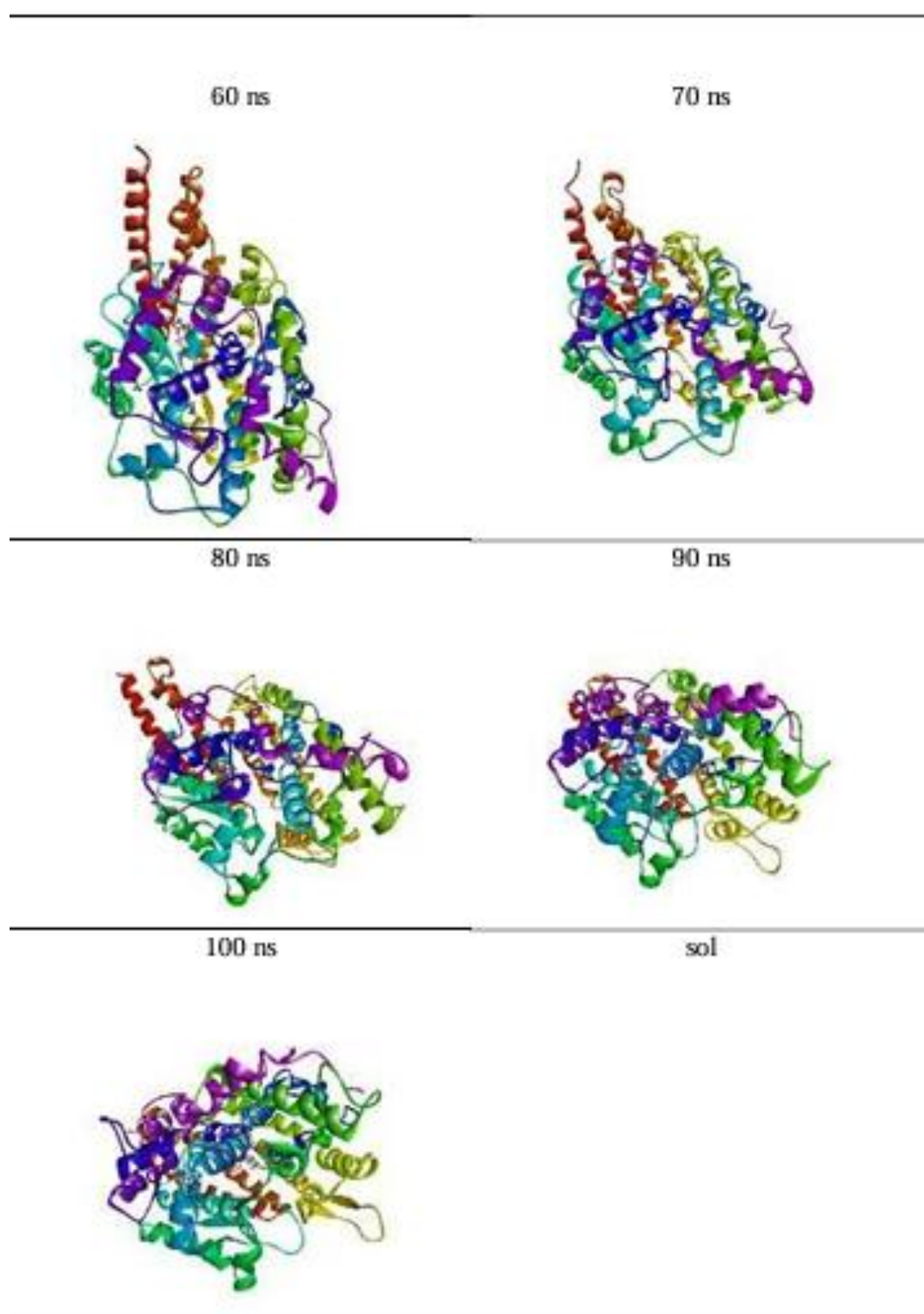


40 ns



50 ns





Lampiran 5. Turnitin

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Lampiran 6. Kartu Bukti Bimbingan

No	Tanggal	Pembimbing Proposal	Topik	Disetujui	Aksi
1	3 Oktober 2024	Dr. apt. Fauzan Zein Muttaqin, M.Si.	Konsultasi tema	✓	
1	7 Oktober 2024	Dr.apt. Deden Indra Dinata, S.Si., M.Si.	Pemilihan judul	✓	
2	24 Oktober 2024	Dr.apt. Deden Indra Dinata, S.Si., M.Si.	Menanyakan target molekul	✓	
2	11 Oktober 2024	Dr. apt. Fauzan Zein Muttaqin, M.Si.	pemilihan tema	✓	
3	18 Oktober 2024	Dr. apt. Fauzan Zein Muttaqin, M.Si.	pemilihan tema	✓	
3	7 November 2024	Dr.apt. Deden Indra Dinata, S.Si., M.Si.	Revisi bab1	✓	
4	1 November 2024	Dr. apt. Fauzan Zein Muttaqin, M.Si.	pembahasan bab diproposal	✓	
4	9 November 2024	Dr.apt. Deden Indra Dinata, S.Si., M.Si.	Revisi bab2	✓	
5	9 Desember 2024	Dr.apt. Deden Indra Dinata, S.Si., M.Si.	Kemajuan 1	✓	
5	8 November 2024	Dr. apt. Fauzan Zein Muttaqin, M.Si.	Perbaikan judul	✓	
6	18 November 2024	Dr.apt. Deden Indra Dinata, S.Si., M.Si.	Diskusi	✓	
6	15 November 2024	Dr. apt. Fauzan Zein Muttaqin, M.Si.	Revisi bab 1	✓	
7	19 November 2024	Dr.apt. Deden Indra Dinata, S.Si., M.Si.	Diskusi	✓	
7	22 Desember 2024	Dr. apt. Fauzan Zein Muttaqin, M.Si.	Revisi bab 2	✓	
8	21 Desember 2024	Dr.apt. Deden Indra Dinata, S.Si., M.Si.	Kemajuan TA2	✓	
8	13 Desember 2024	Dr. apt. Fauzan Zein Muttaqin, M.Si.	Revisi bab 3	✓	

Lampiran 7. Biodata



BIODATA

Nama Lengkap : Muhammad Mipta Husurul
Nama Panggilan : Mipta
Tempat/Tanggal Lahir : Garut, 10 Maret 2023
Agama : Islam
Kewarganegaraan : Indonesia
Alamat : Kp.Kamayangan Ds.Kutanagara Kec.Malangbong
Kab.Garut Prov.Jawa Barat
Telepon : 087860262596

PENDIDIKAN

TKdarusalam
SDN Kutanagara 4
SMP Negri 2 Malangbong
SMK Bhakti Kencana Limbangan