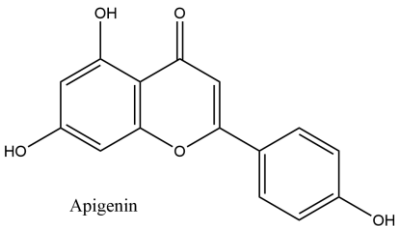
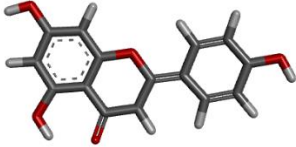
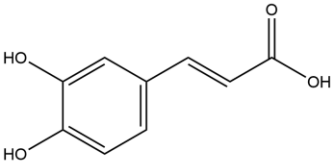
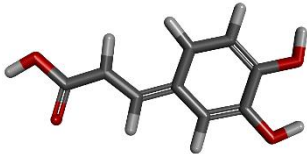
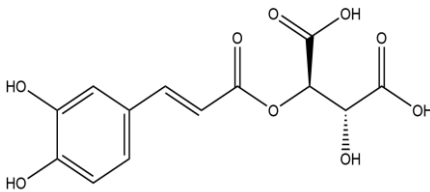
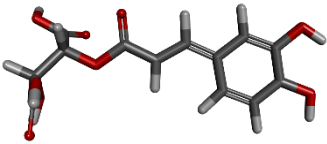
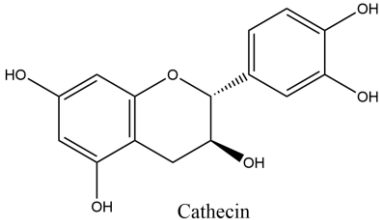
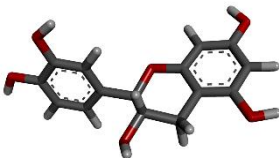
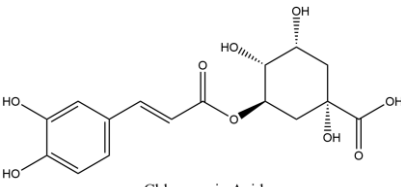
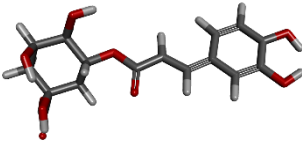
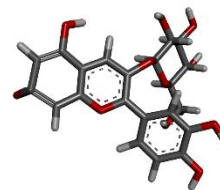
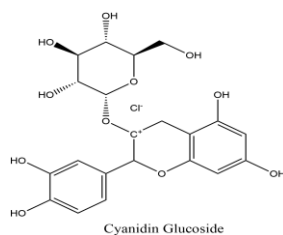


LAMPIRAN

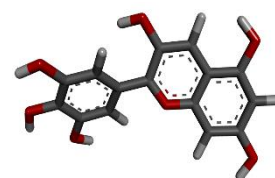
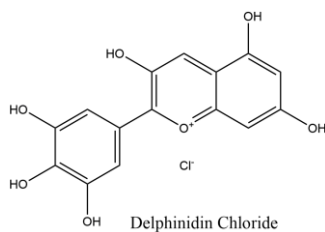
Lampiran 1 Struktur 2D dan 3D Senyawa Uj

NO	Senyawa	Struktur 2D	Struktur 3D
1	<i>Apigenin</i>	 Apigenin	
2	<i>Caffeic acid</i>	 Caffeic Acid	
3	<i>Caftaric acid</i>	 Caftaric Acid	
4	<i>Cathecin</i>	 Cathecin	
5	<i>Cholorogenic acid</i>	 Chlorogenic Acid	

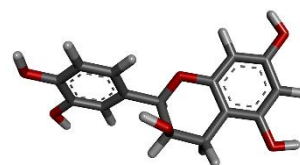
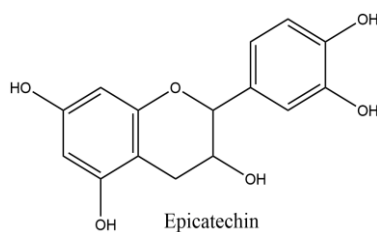
6 *Cyanidin-3-glucoside*



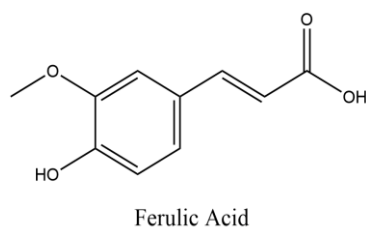
7 *Delphinidin chloride*



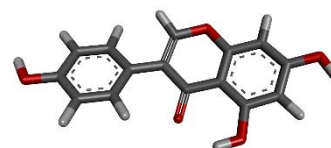
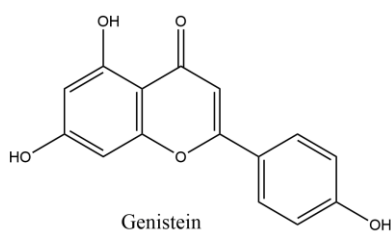
8 *Epicatechin*



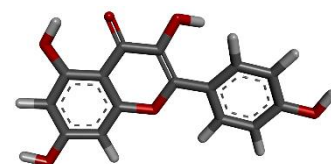
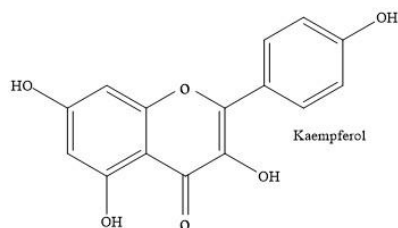
9 *Ferulic Acid*

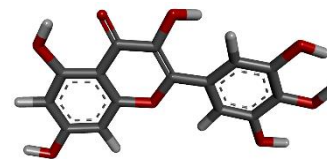
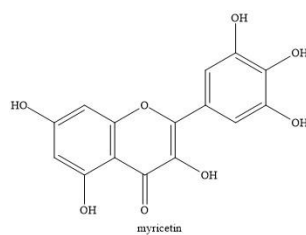
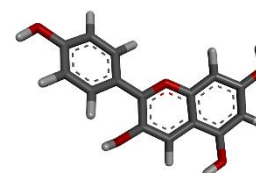
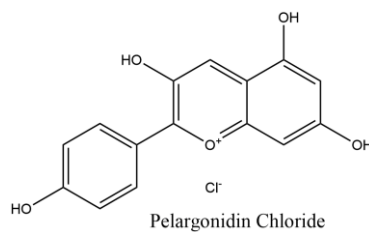
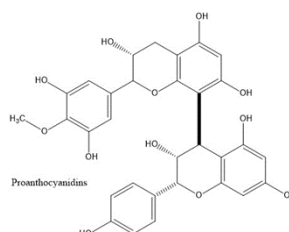
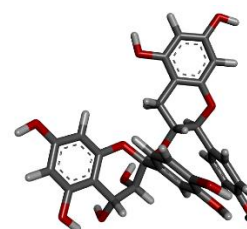
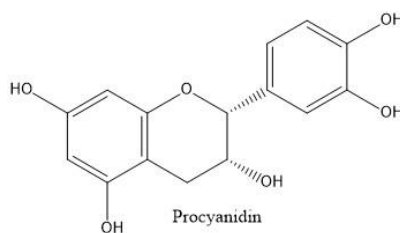
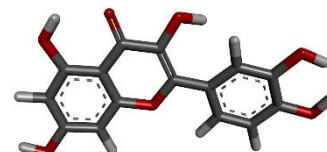
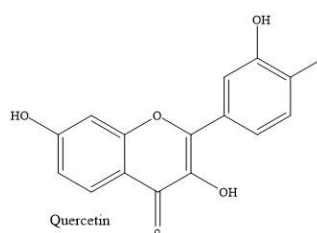
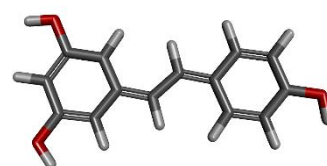
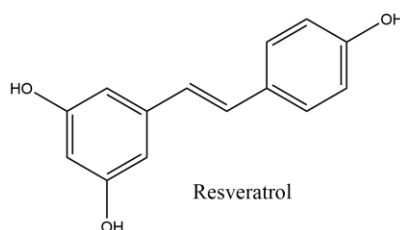


10 *Genistein*

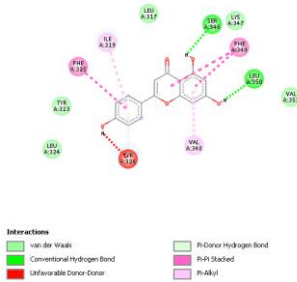
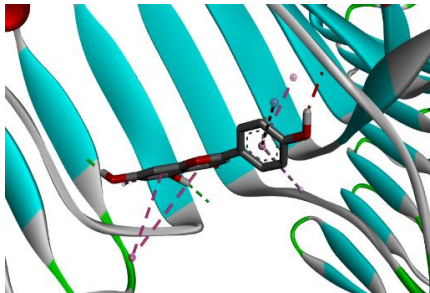
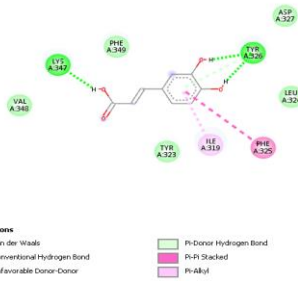
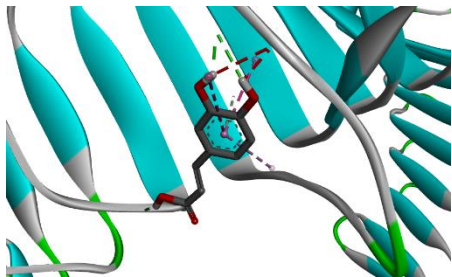
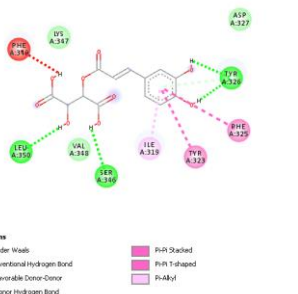
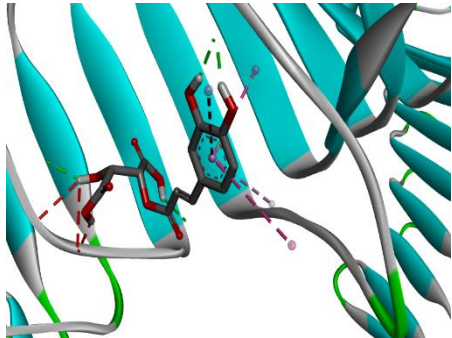
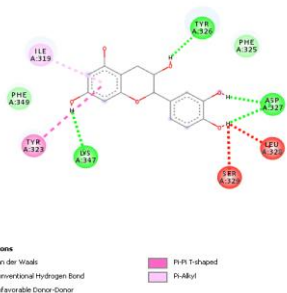
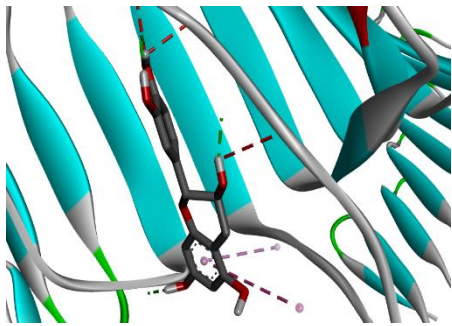


11 *Kaempferol*



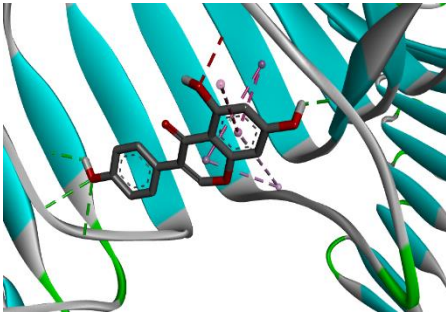
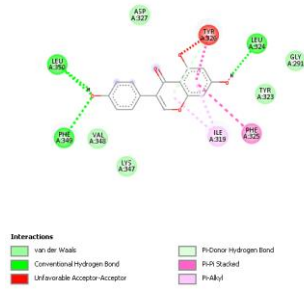
12 *Myricetin*13 *Pelargonidin chloride*14 *Proanthocyanidin*15 *Procyanidin*16 *Quercetin*17 *Resveratrol*

Lampiran 2 Visualisasi 2D dan 3D Interaksi Senyawa Uji

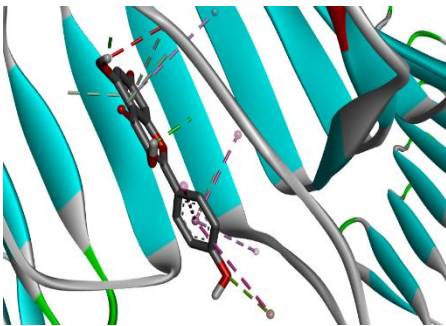
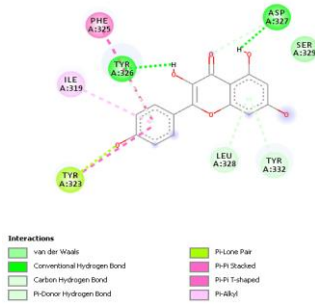
NO	Ligan	Visualisasi 2D hasil penambatan molekul	Visualisasi 3D hasil penambatan molekul
1	L1	 Interactions - van der Waals - Conventional Hydrogen Bond - Unfavorable Donor-Donor - pi-Donor Hydrogen Bond - pi-ri Stacked - pi-Alkyl	
2	L2	 Interactions - van der Waals - Conventional Hydrogen Bond - Unfavorable Donor-Donor - pi-Donor Hydrogen Bond - pi-ri Stacked - pi-Alkyl	
3	L3	 Interactions - van der Waals - Conventional Hydrogen Bond - Unfavorable Donor-Donor - pi-Donor Hydrogen Bond - pi-ri Stacked - pi-ri T-shaped - pi-Alkyl	
4	L4	 Interactions - van der Waals - Conventional Hydrogen Bond - Unfavorable Donor-Donor - pi-ri T-shaped - pi-Alkyl	

5	L5	Interactions - van der Waals - Conventional Hydrogen Bond - Carbon Hydrogen Bond - Pi-Alkyl	
6	L6	Interactions - van der Waals - Conventional Hydrogen Bond - Carbon Hydrogen Bond - Pi-Donor Hydrogen Bond - Pi-Pi Stacked - Pi-Alkyl	
7	L7	Interactions - van der Waals - Conventional Hydrogen Bond - Carbon Hydrogen Bond - Pi-Donor Hydrogen Bond - Pi-Pi Stacked - Pi-Alkyl	
8	L8	Interactions - van der Waals - Conventional Hydrogen Bond - Carbon Hydrogen Bond - Pi-Donor Hydrogen Bond - Pi-Pi Stacked - Pi-Alkyl	
9	L9	Interactions - van der Waals - Conventional Hydrogen Bond - Carbon Hydrogen Bond - Pi-Donor Hydrogen Bond - Pi-Pi Stacked - Pi-Alkyl	

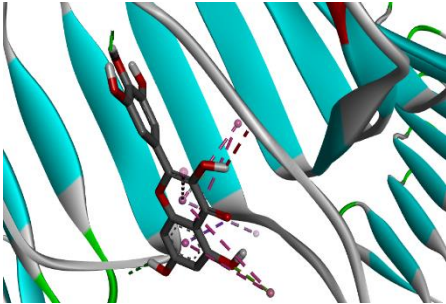
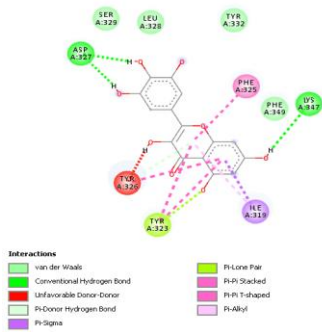
10 L10



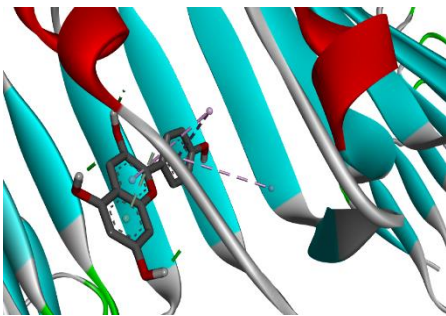
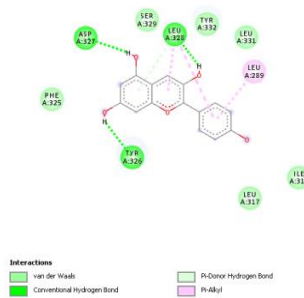
11 L11



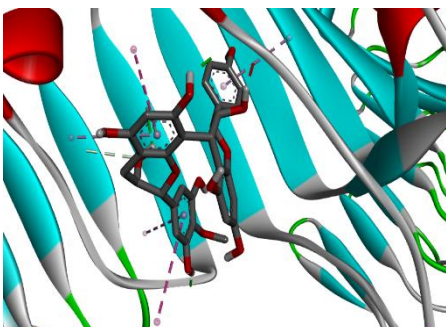
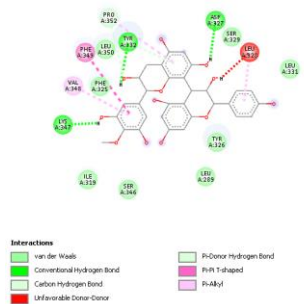
12 L12



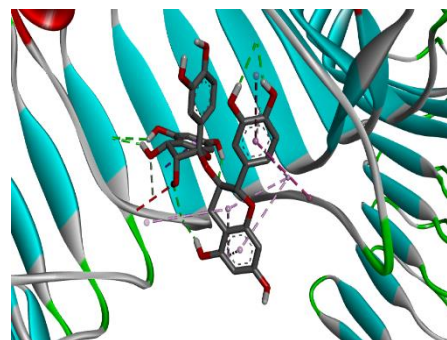
13 L13



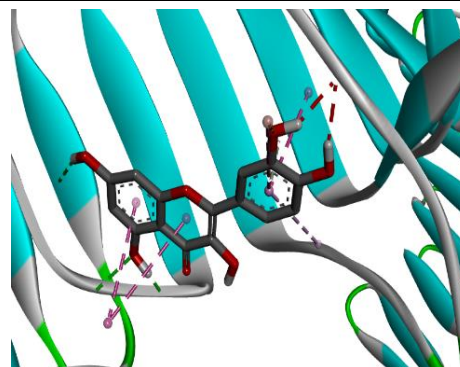
14 L14

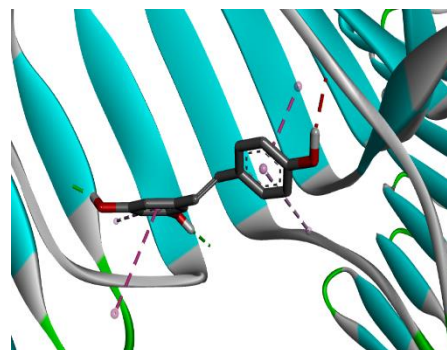


15 L15



16
L16



17 L17

Lampiran 3 Hasil cek plagiarisme

Aldi Ahmad Sobari 11181150 PENAMBATAN MOLEKUL DAN
DINAMIKA MOLEKUL SENYAWA AKTIF DARI BUAH ANGGUR
(Vitis vinifera L.) TERHADAP TOLL-LIKE RECEPTOR 2 SEBAGAI
IMUNOMODULATOR

ORIGINALITY REPORT

18%

SIMILARITY INDEX

18%

INTERNET SOURCES

3%

PUBLICATIONS

4%

STUDENT PAPERS

PRIMARY SOURCES

1

repository.bku.ac.id

Internet Source

6%

2

lib.ui.ac.id

Internet Source

1%

3

onlinelibrary.wiley.com

Internet Source

1%

4

media.neliti.com

Internet Source

1%

5

repository.uinjkt.ac.id

Internet Source

1%

6

www.researchgate.net

Internet Source

1%

7

jurnal.uns.ac.id

Internet Source

1%

8

pdfcoffee.com

Internet Source

1%

02.66.00/FRM-03/AKD-SPMI

51

Lampiran 4 Surat Pernyataan

SURAT PERNYATAAN

Yang bertanda tangan di bawah ini,

Nama : Aldi Ahmad Sobari

N P M : 11181150

adalah mahasiswa Fakultas Farmasi, Universitas Bhakti Kencana, menyatakan dengan sesungguhnya bahwa Naskah Tugas Akhir/Skripsi yang saya tulis dengan judul:

***PENAMBATAN MOLEKUL DAN DINAMIKA MOLEKUL SENYAWA AKTIF DARI BUAH
ANGGUR (*Vitis vinifera* L.) TERHADAP TOLL-LIKE RECEPTOR 2 SEBAGAI
IMUNOMODULATOR***

adalah benar-benar merupakan hasil karya saya sendiri. Apabila di kemudian hari diketahui bahwa isi Naskah Skripsi ini merupakan hasil plagiasi, maka saya bersedia menerima sanksi berupa pembatalan kelulusan dan atau pencabutan gelar yang saya peroleh.

Demikian surat pernyataan ini saya buat untuk dapat dipergunakan sebagaimana mestinya.

Bandung , Agustus 2022

Yang membuat pernyataan,



(Aldi Ahmad Sobari)

NPM. 11181150

02.66.00/FRM-03/AKD-SPMI

52

SURAT PERNYATAAN PUBLIKASI

Yang bertanda tangan di bawah ini,

Nama : Aldi Ahmad Sobari

N P M : 11181150

Menyatakan bahwa demi kepentingan perkembangan ilmu pengetahuan, saya menyetujui abstrak Skripsi yang saya tulis dengan judul:

PENAMBATAN MOLEKUL DAN DINAMIKA MOLEKUL SENYAWA AKTIF DARI BUAH ANGGUR (*Vitis vinifera* L.) TERHADAP *TOLL-LIKE RECEPTOR 2* SEBAGAI IMUNOMODULATOR

Untuk dipublikasikan atau ditampilkan di internet atau media lain yaitu Digital Library Perpustakaan Universitas Bhakti Kencana untuk kepentingan akademik, sebatas sesuai dengan Undang-Undang Hak Cipta.

Demikian surat pernyataan ini saya buat untuk dapat dipergunakan sebagaimana mestinya.

Demikian surat pernyataan ini saya buat untuk dapat dipergunakan sebagaimana mestinya.

Bandung, Agustus 2022

Yang membuat pernyataan,



(Aldi Ahmad Sobari)

NPM. 11181150