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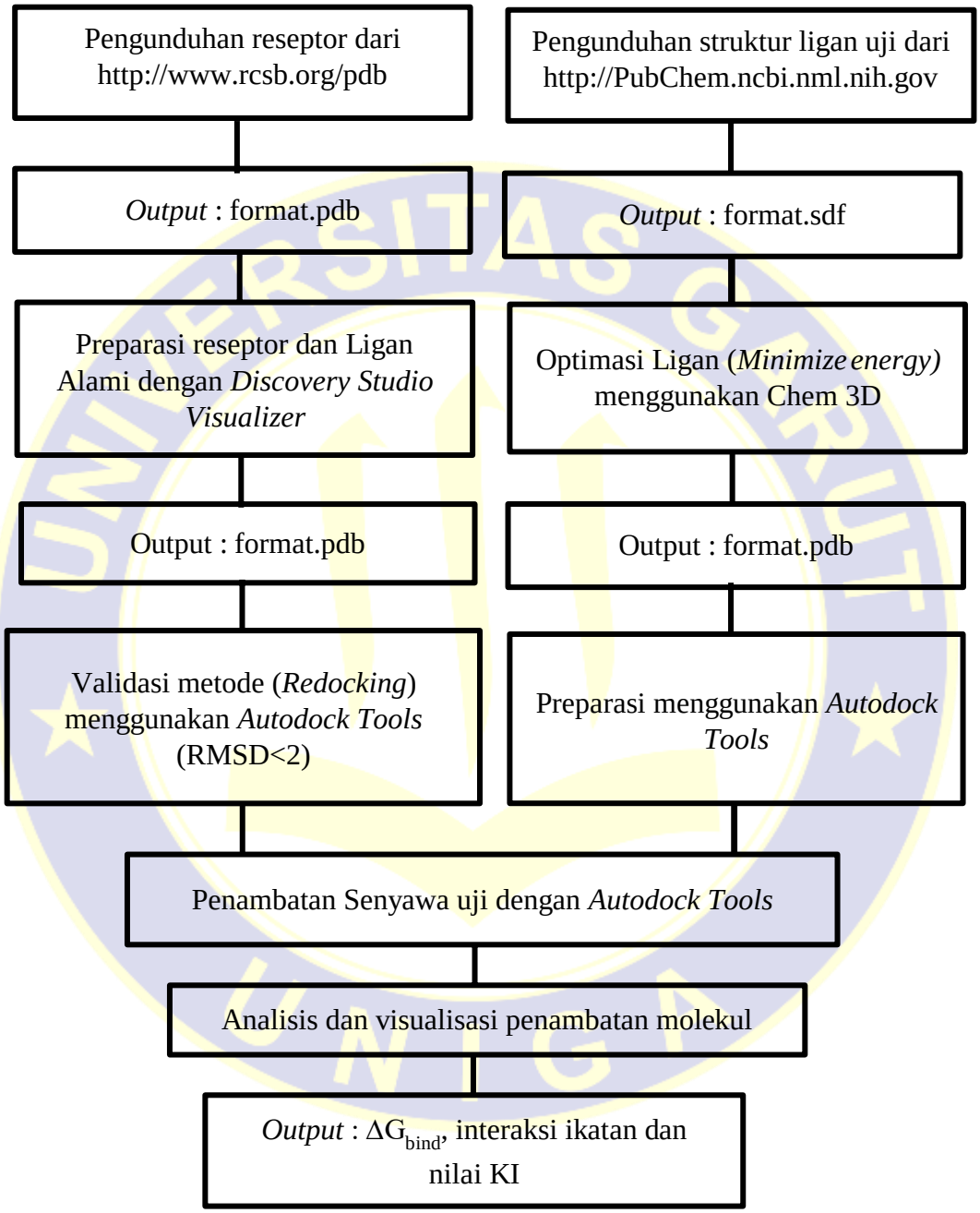
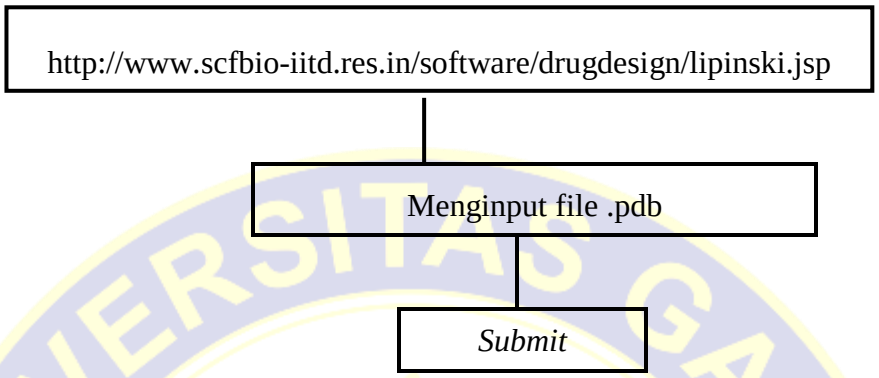
LAMPIRAN 1

SKEMA PENELITIAN

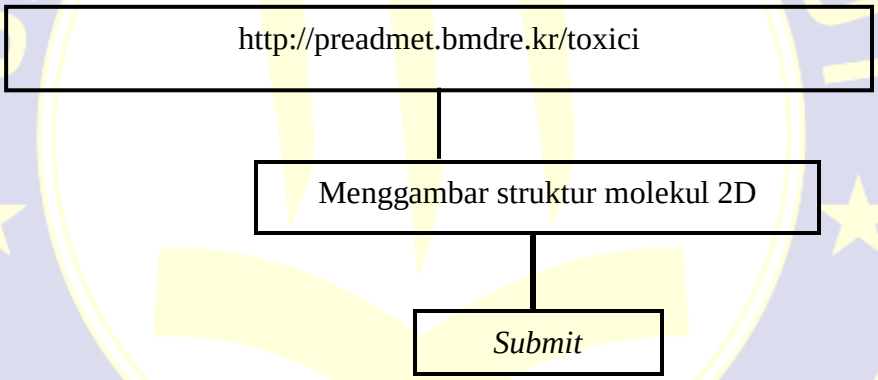


Skema I.1 Skema penelitian

LAMPIRAN 1
(LANJUTAN)



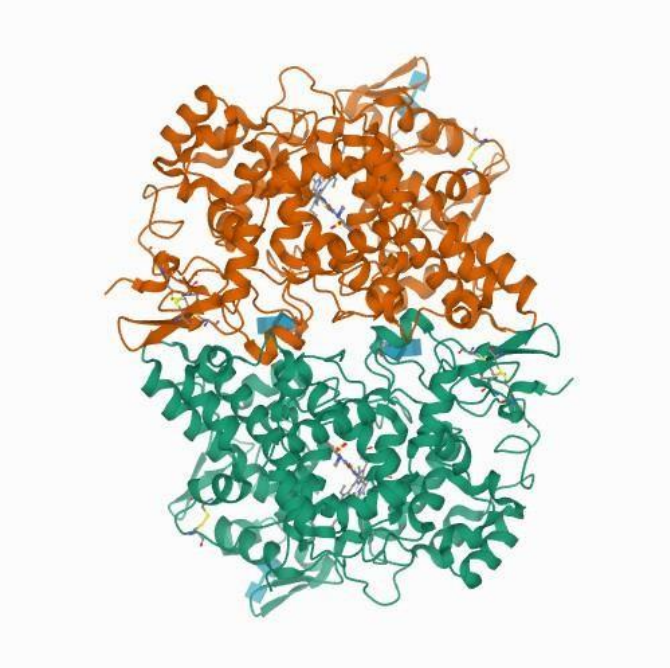
Skema I.2 *Analisis Lipinski's Rule of Five*



Skema I.3 Analisis PreADME

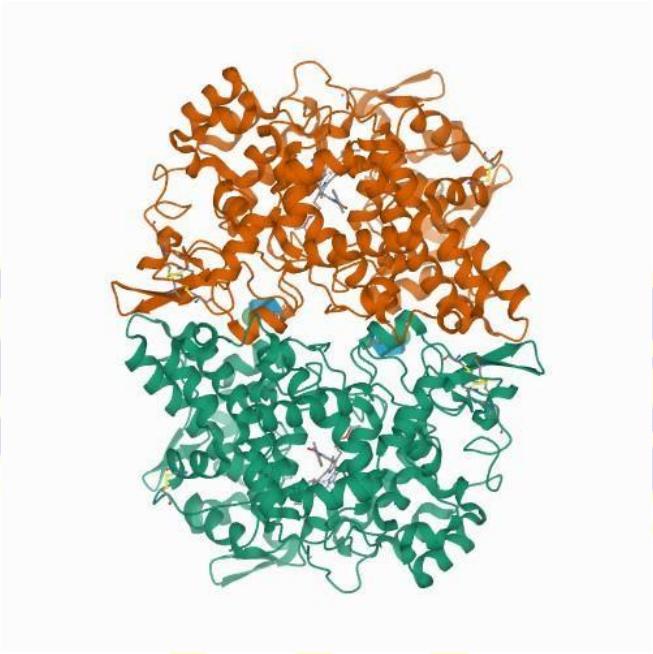
LAMPIRAN 2

STRUKTUR 3D RESEPTOR



Gambar II.1 Struktur 3D Reseptor 4O1Z

LAMPIRAN 2
(LANJUTAN)



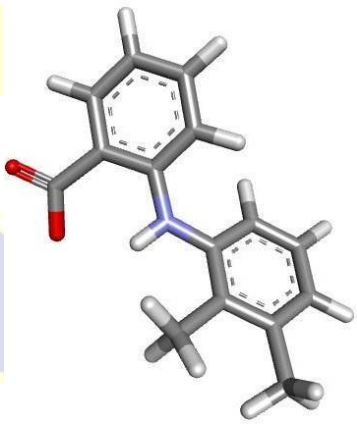
Gambar II.2 Struktur 3D Reseptor 5IKR

LAMPIRAN 3

STRUKTUR 3D LIGAN ALAMI

Gambar III.1 Struktur 3D Ligan Alami 4O1Z

4-Hydroxy-2-Methyl-N-(5-Methyl-1,3-Thiazol-2-Yl)-2H-1,2-Benzothiazine-3-Carboxamide 1,1-Dioxide (Meloxicam)

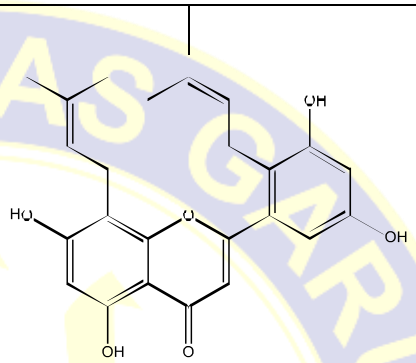
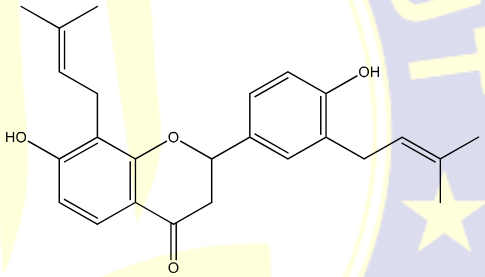
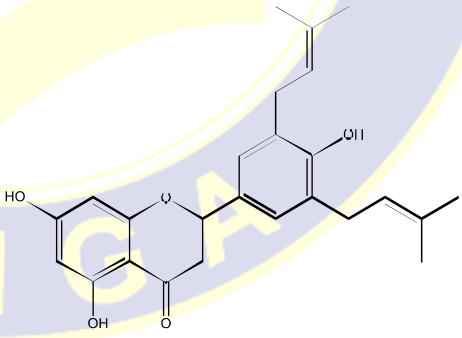


Gambar III.2 Struktur 3D Ligan Alami 5IKR

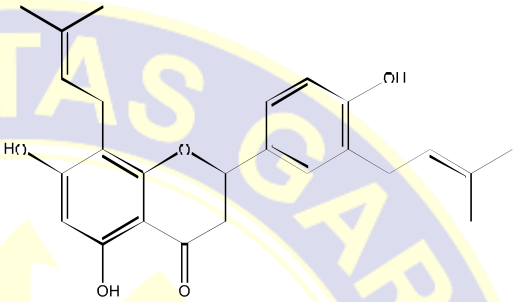
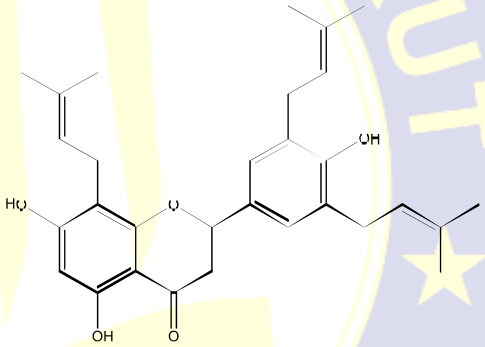
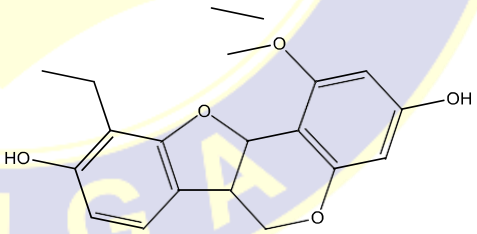
2-[(2,3-Dimethylphenyl)Amino]Benzoic Acid (Asam Mefenamat)

LAMPIRAN 4

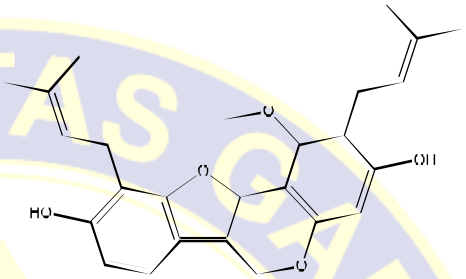
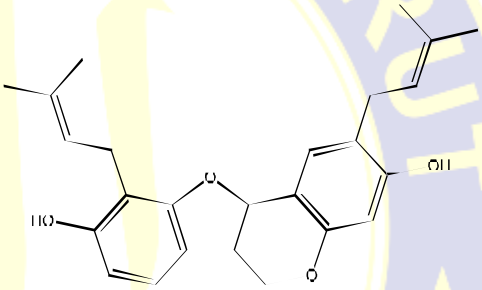
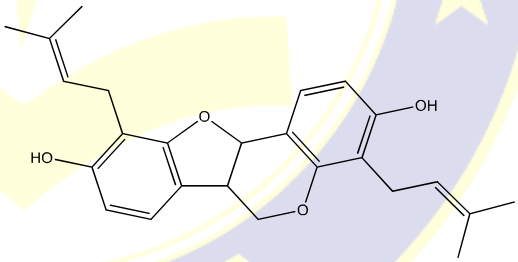
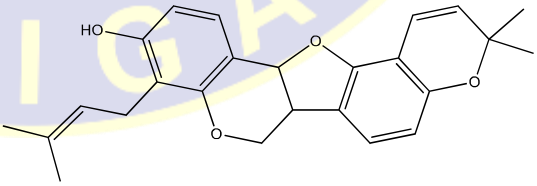
STRUKTUR 2D SENYAWA UJI

No.	Senyawa/Ligan	Struktur 2D Senyawa
1.	Vogelin C	
2.	Glabrol	
3.	Abyssinone V	

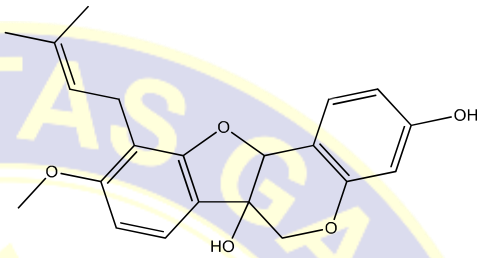
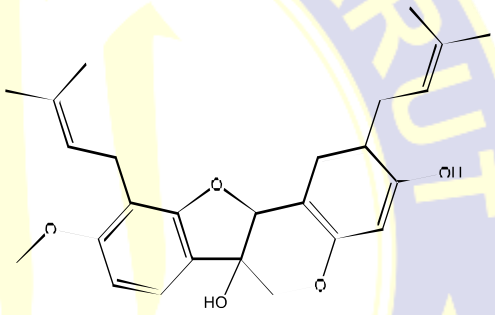
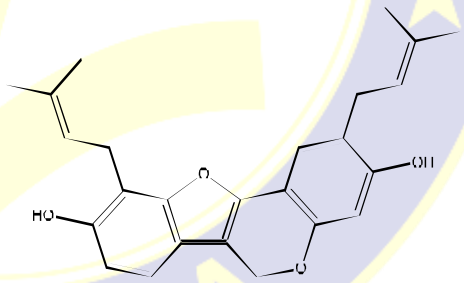
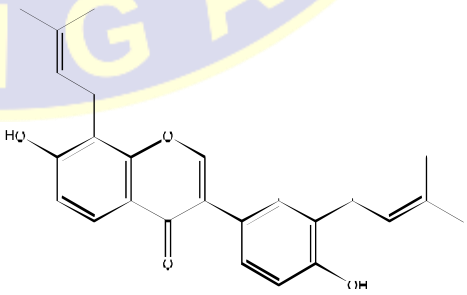
LAMPIRAN 4
(LANJUTAN)

No.	Senyawa/Ligan	Struktur 2D Senyawa
4.	Euchrestaflavanone A	
5.	5-hydroxysophoranone	
6.	1-methoxyphaseollidin	

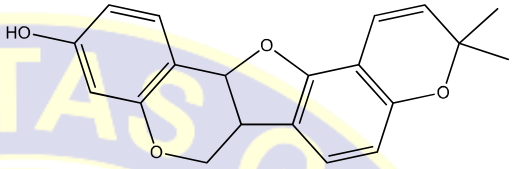
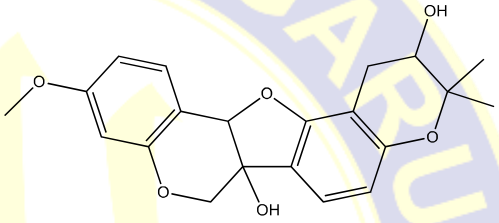
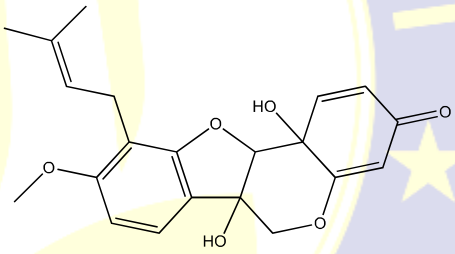
LAMPIRAN 4
(LANJUTAN)

No.	Nama Senyawa	Struktur 2D Senyawa
7.	1-methoxyerythrabyssin II	
8.	Erythrabyssin II	
9.	Erybraedin A	
10.	Erybraedin B	

LAMPIRAN 4
(LANJUTAN)

No.	Senyawa/Ligan	Struktur 2D Senyawa
11.	Cristacarpin	
12.	Erystagallin A	
13.	Erycristagallin	
14.	Erysubin F	

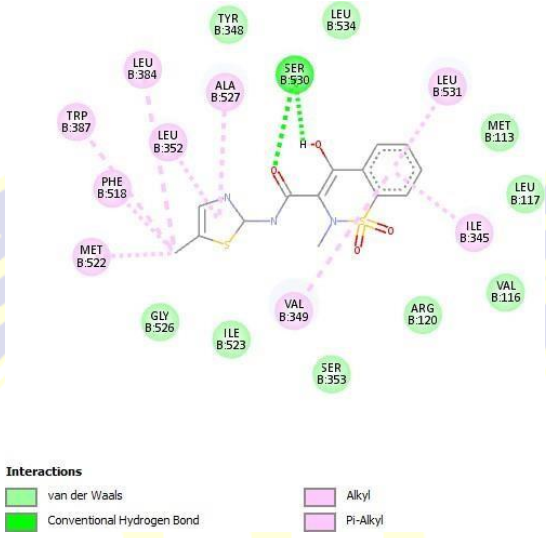
LAMPIRAN 4
(LANJUTAN)

No.	Senyawa/Ligan	Struktur 2D Senyawa
15.	Phaseollin	
16.	Eryvarin A	
17.	Hydroxycristacarpone	

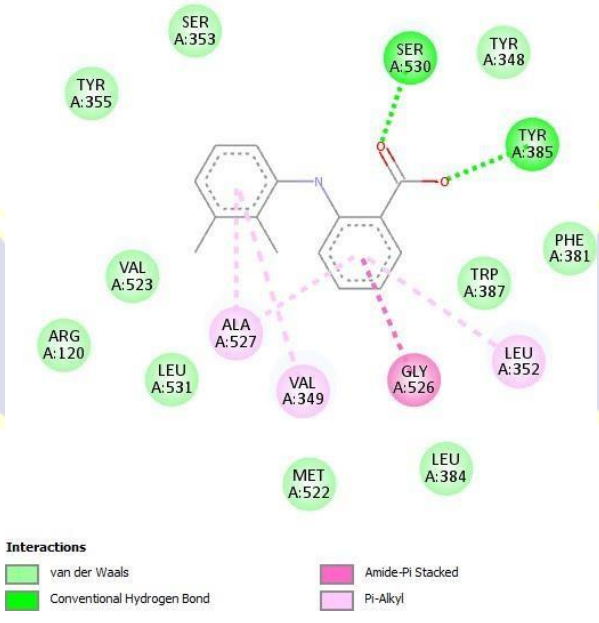
Tabel IV.1 Struktur 3D Senyawa Uji

LAMPIRAN 5

VALIDASI METODE



Gambar V.1 Hasil visualisasi interaksi ligan alami dengan enzim COX-1

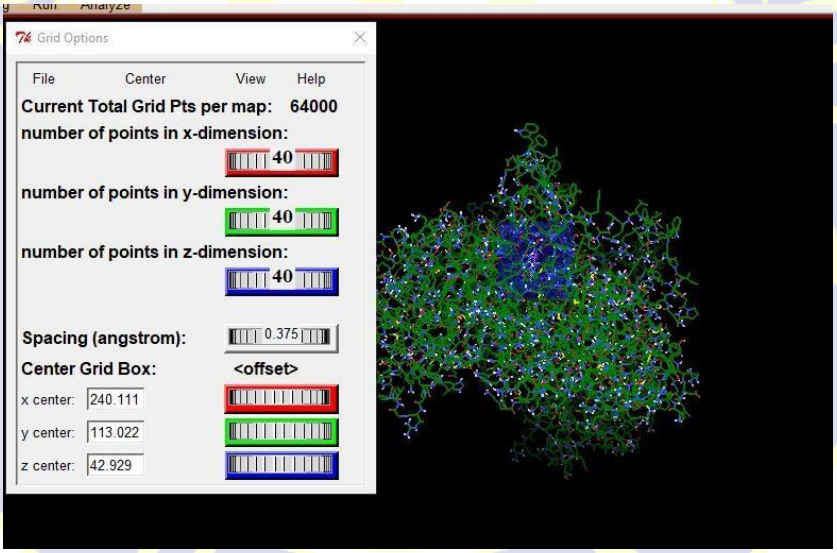


Gambar V.2 Hasil visualisasi interaksi ligan alami dengan enxim COX-2

LAMPIRAN 5
(LANJUTAN)

Kode Reseptor	Grid Box	RMSD (Å)	Ikatan Energi Bebas (kkal/mol)	Konstanta Inhibisi (nM)
4O1Z	X : 240.111 Y : 113.022 Z : 42.929	1,358 Å	-8.41	687.04
5IKR	X : 38.042 Y : 2.131 Z : 61.28	0,571 Å	-7.82	1.87

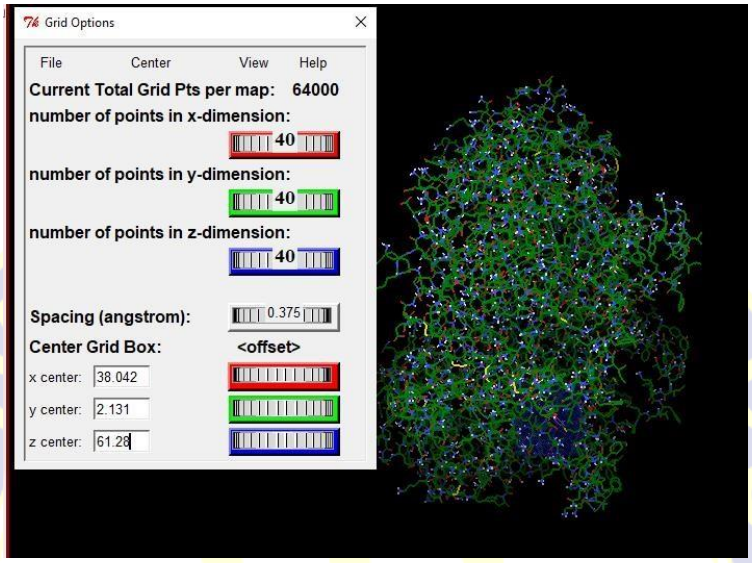
Tabel V.3 *Grid Box*, *RMSD*, Nilai Ikatan Energi dan Konstanta Inhibisi Ligan Alami



Gambar V.4 Gridbox, Parameter Koordinat dan Dimensi pada Validasi Metode antara Ligan Alami dengan Enzim COX-1

LAMPIRAN 5

(LANJUTAN)



Gambar V.5 Gridbox, Parameter Koordinat dan Dimensi pada Validasi Metode antara Ligan Alami dengan Enzim C

DAFTAR RIWAYAT HIDUP

DATA PRIBADI

Nama	: Refi Yunanda Meilawati
Tempat, Tanggal Lahir	: Sumedang, 02 Mei 1999
Agama	: Islam
Warga Negara	: Indonesia
Status	: Mahasiswi
Alamat	: Sumedang
No. Telp	: 0851-6159-0214
Email	: refiyunandaaa@gmail.com

RIWAYAT PENDIDIKAN

SD	: SD NEGERI CONGGEANG I	(Lulus Tahun 2011)
SMP	: SMP NEGERI 1 CONGGEANG	(Lulus Tahun 2014)
SMA	: SMA NEGERI I SUMEDANG	(Lulus Tahun 2017)
SARJANA (S1)	: UNIVERSITAS GARUT	(Lulus Tahun 2021)