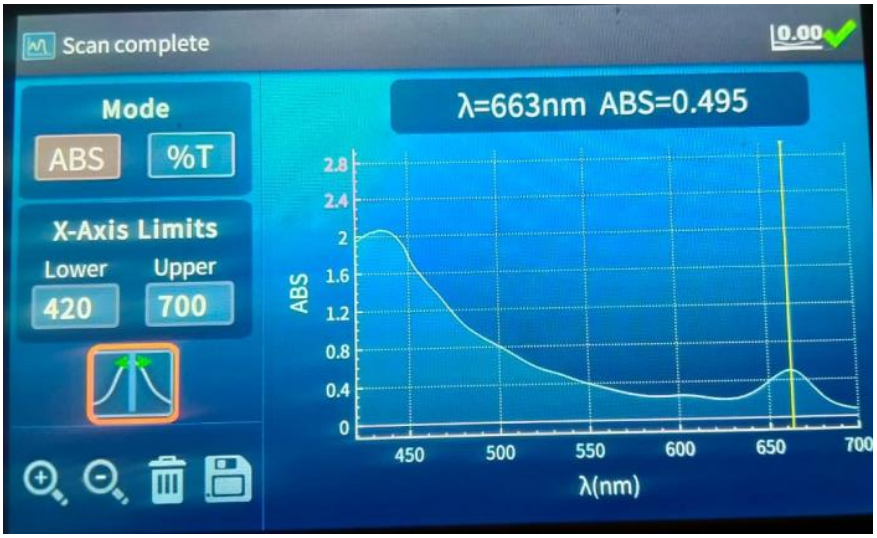
LAMPIRAN-LAMPIRAN

Lampiran 1. Gambar Ekstrak Pekat Buah Kecubung dengan Pelarut Ethanol

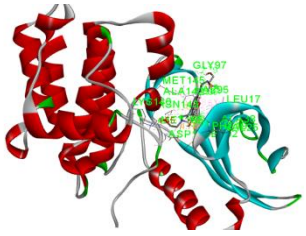
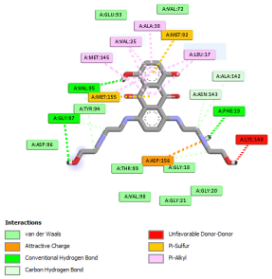
Lampiran 2. Hasil Scanning Panjang Gelombang Esktrak Buah Kecubung

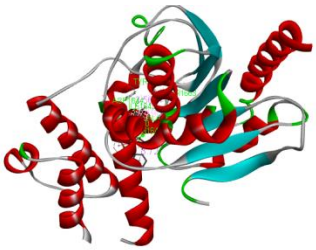
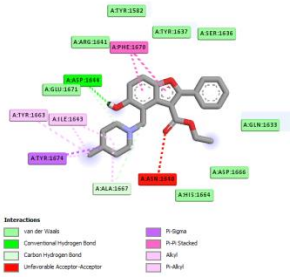


Lampiran 3. Nilai Probit Uji BSLT

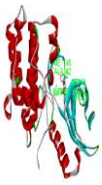
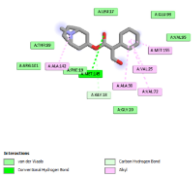
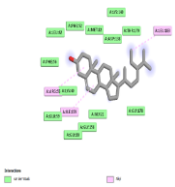
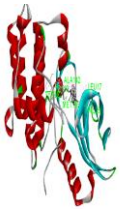
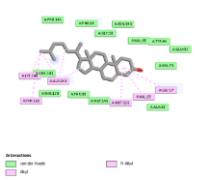
Nilai Probit 24 Jam Influen						
Konsentrasi (Ppm)	Log Konsentrasi	Jumlah Individu Uji	Jumlah Individu Mati	% Mortalitas	% Mortalitas Terkoreksi	Nilai Probit
0	0	13	0	0	0	0
5	0.698970004	13	0	0	0	0
10	1	13	0	0	0	0
20	1.301029996	14	0	0	0	0
50	1.698970004	13	2	15	15	3.96
100	2	12	4	33	33	4.56
200	2.301029996	15	13	87	87	6.13
LC_{50} = 189.224 ppm						

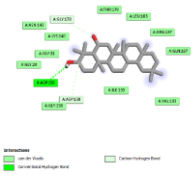
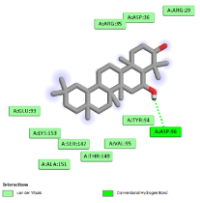
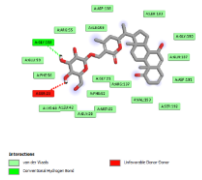
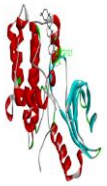
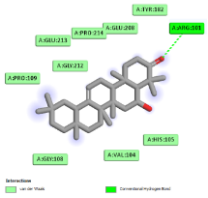
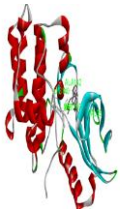
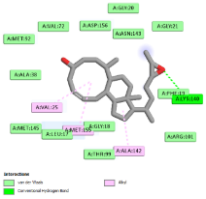
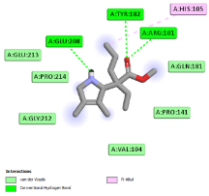
Lampiran 4. Tabel Hasil Docking Reseptor dengan Native Ligan

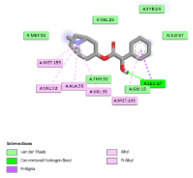
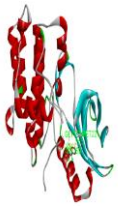
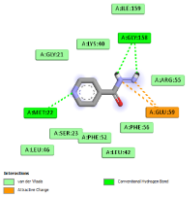
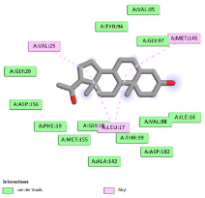
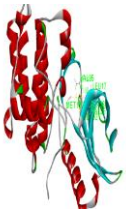
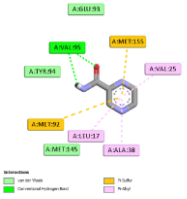
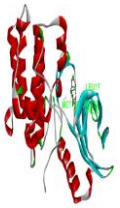
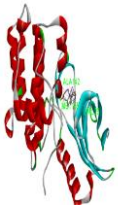
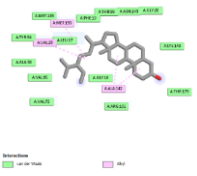
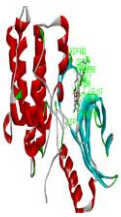
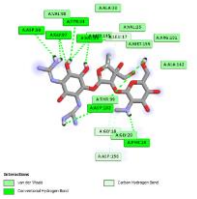
No	PDB ID	Macromolecule	Nativ Ligan	Active Site
1	2FUM			ASP96, GLY97, TYR94, MET155, VAL95, MET145, VAL25, GLU93, ALA38, MET92, VAL72, LEU17, ALA12, ASN143, PHE19, LYS140, GLY20, GLY21,

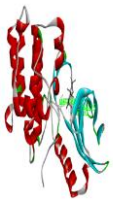
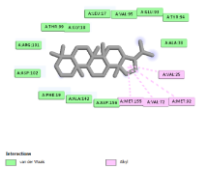
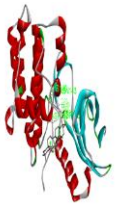
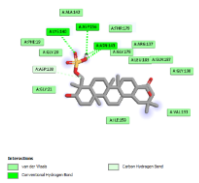
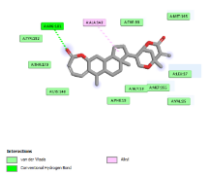
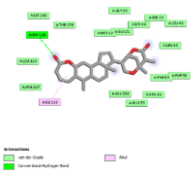
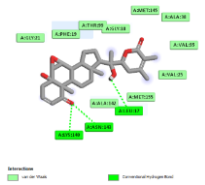
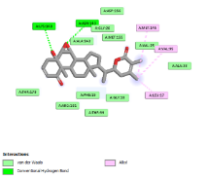
				VAL98, THR99, ASP156, GLY18.
2	**5V3X**			ALA1667, TYR1674, ILE1643, TYR1663, GLU1671, ASP1644, ARG1641, PHE1670, TYR1582, TYR1637, SER1636, GLN1633, ASP1666, HIS1664, ASN160

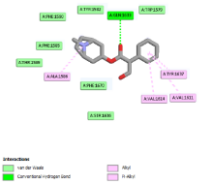
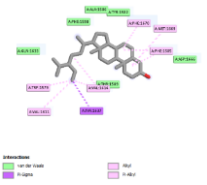
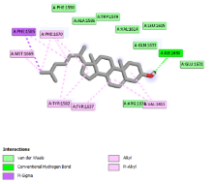
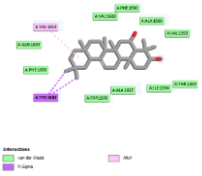
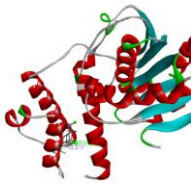
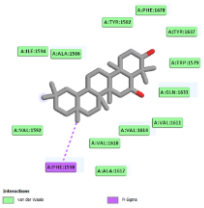
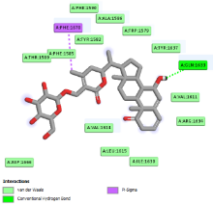
LAMPIRAN 5. Tabel Interkasi Hasil Docking Reseptor 2FUM dan 5V3X Dengan Senyawa Buah Kecubung

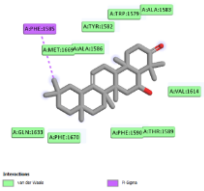
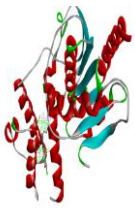
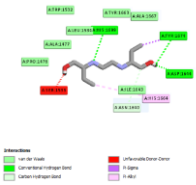
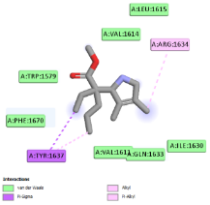
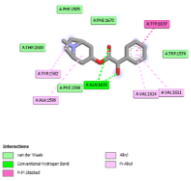
No	Compond	molecular structure and interaction 2FUM		Lipinski	
		3D	2D	Properties	Velue
1	antropine			Moleculer weight (< 500 Dalton)	266
				log P (< 5)	0.07286
				H-Bond Donor (< 5)	0
				H-Bond Acceptor (< 10)	3
				Violation	1
				Molar Refractivity (40 - 130)	62.9025
2	beta-sitostero			Moleculer weight (< 500 Dalton)	414
				log P (< 5)	8.024803
				H-Bond Donor (< 5)	1
				H-Bond Acceptor (< 10)	1
				Violation	1
				Molar Refractivity (40 - 130)	128.2167
3	cholestero			Moleculer weight (< 500 Dalton)	386
				log P (< 5)	7.388702
				H-Bond Donor (< 5)	1
				H-Bond Acceptor (< 10)	1
				Violation	1
				Molar Refractivity (40 - 130)	119.0527

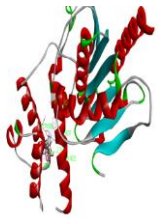
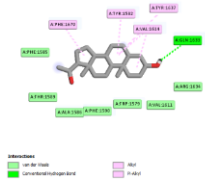
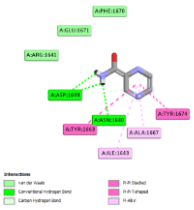
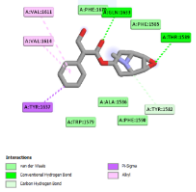
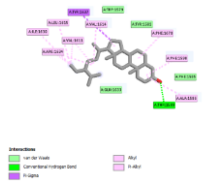
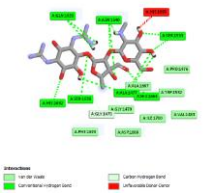
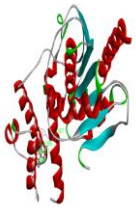
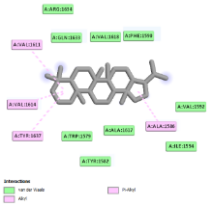
4	daturadiol			Moleculer weight (< 500 Dalton)	442
				log P (< 5)	7.139702
				H-Bond Donor (< 5)	2
				H-Bond Acceptor (< 10)	2
				Violation	1
				Molar Refractivity (40 - 130)	132.1096
5	daturadiol02			Moleculer weight (< 500 Dalton)	442
				log P (< 5)	7.139702
				H-Bond Donor (< 5)	2
				H-Bond Acceptor (< 10)	2
				Violation	1
				Molar Refractivity (40 - 130)	132.1096
6	daturametelin			Moleculer weight (< 500 Dalton)	616
				log P (< 5)	1.9659
				H-Bond Donor (< 5)	5
				H-Bond Acceptor (< 10)	0
				Violation	1
				Molar Refractivity (40 - 130)	157.5762
7	daturaolone02			Moleculer weight (< 500 Dalton)	440
				log P (< 5)	7.347902
				H-Bond Donor (< 5)	1
				H-Bond Acceptor (< 10)	2
				Violation	1
				Molar Refractivity (40 - 130)	131.1098
8	epoxy-trienolide			Moleculer weight (< 500 Dalton)	388
				log P (< 5)	6.375901
				H-Bond Donor (< 5)	1
				H-Bond Acceptor (< 10)	2
				Violation	1
				Molar Refractivity (40 - 130)	116.0467
9	etambutol			Moleculer weight (< 500 Dalton)	204
				log P (< 5)	-0.2926
				H-Bond Donor (< 5)	4
				H-Bond Acceptor (< 10)	4
				Violation	1
				Molar Refractivity (40 - 130)	58.33499
10	etil_pentanoate			Moleculer weight (< 500 Dalton)	239
				log P (< 5)	2.6641
				H-Bond Donor (< 5)	11
				H-Bond Acceptor (< 10)	3
				Violation	1
				Molar Refractivity (40 - 130)	69.81268

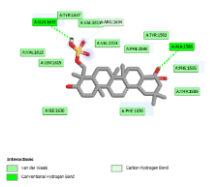
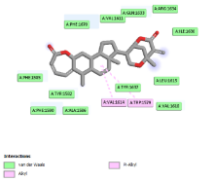
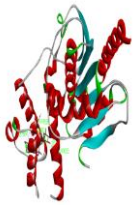
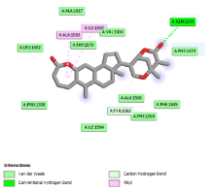
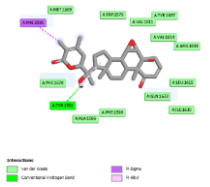
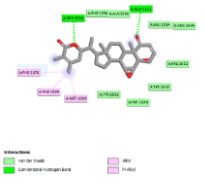
11	hyoscyamine			Moleculer weight (< 500 Dalton)	275
				log P (< 5)	1.8884
				H-Bond Donor (< 5)	1
				H-Bond Acceptor (< 10)	4
				Violation	1
				Molar Refractivity (40 - 130)	75.08878
12	isoniazid			Moleculer weight (< 500 Dalton)	137
				log P (< 5)	-0.3149
				H-Bond Donor (< 5)	3
				H-Bond Acceptor (< 10)	4
				Violation	1
				Molar Refractivity (40 - 130)	35.8906
13	PregnanediolV			Moleculer weight (< 500 Dalton)	320
				log P (< 5)	4.386999
				H-Bond Donor (< 5)	2
				H-Bond Acceptor (< 10)	2
				Violation	1
				Molar Refractivity (40 - 130)	92.90456
14	pyrazinamide			Moleculer weight (< 500 Dalton)	123
				log P (< 5)	-0.4245
				H-Bond Donor (< 5)	2
				H-Bond Acceptor (< 10)	4
				Violation	1
				Molar Refractivity (40 - 130)	30.5499
15	scopolamine			Moleculer weight (< 500 Dalton)	282
				log P (< 5)	0.00446
				H-Bond Donor (< 5)	0
				H-Bond Acceptor (< 10)	4
				Violation	1
				Molar Refractivity (40 - 130)	63.9875
16	sistoserol			Moleculer weight (< 500 Dalton)	414
				log P (< 5)	8.024803
				H-Bond Donor (< 5)	1
				H-Bond Acceptor (< 10)	1
				Violation	1
				Molar Refractivity (40 - 130)	128.2168
17	streptomicin			Moleculer weight (< 500 Dalton)	581
				log P (< 5)	-8.1611
				H-Bond Donor (< 5)	16
				H-Bond Acceptor (< 10)	19
				Violation	1
				Molar Refractivity (40 - 130)	132.9189

18	triterpene			Moleculer weight (< 500 Dalton)	412
				log P (< 5)	9.133904
				H-Bond Donor (< 5)	0
				H-Bond Acceptor (< 10)	0
				Violation	1
				Molar Refractivity (40 - 130)	129.284
19	triterpenoid			Moleculer weight (< 500 Dalton)	552
				log P (< 5)	7.113901
				H-Bond Donor (< 5)	3
				H-Bond Acceptor (< 10)	7
				Violation	1
				Molar Refractivity (40 - 130)	144.5524
20	withametelin			Moleculer weight (< 500 Dalton)	452
				log P (< 5)	4.7697
				H-Bond Donor (< 5)	0
				H-Bond Acceptor (< 10)	5
				Violation	1
				Molar Refractivity (40 - 130)	122.903
21	withametelinB			Moleculer weight (< 500 Dalton)	452
				log P (< 5)	4.7697
				H-Bond Donor (< 5)	0
				H-Bond Acceptor (< 10)	5
				Violation	1
				Molar Refractivity (40 - 130)	122.903
22	withanolideA			Moleculer weight (< 500 Dalton)	470
				log P (< 5)	3.495399
				H-Bond Donor (< 5)	2
				H-Bond Acceptor (< 10)	6
				Violation	1
				Molar Refractivity (40 - 130)	124.5116
23	withanolideB			Moleculer weight (< 500 Dalton)	454
				log P (< 5)	4.380499
				H-Bond Donor (< 5)	1
				H-Bond Acceptor (< 10)	5
				Violation	1
				Molar Refractivity (40 - 130)	123.0518

No	Compond	molecular structure and interaction 5V3X		Lipinski	
		3D	2D	Properties	Velue
1	antropine			Molecular weight (< 500 Dalton)	266
				log P (< 5)	0.07286
				H-Bond Donor (< 5)	0
				H-Bond Acceptor (< 10)	3
				Violation	1
				Molar Refractivity (40 - 130)	62.9025
2	beta-sitostero			Molecular weight (< 500 Dalton)	414
				log P (< 5)	8.024803
				H-Bond Donor (< 5)	1
				H-Bond Acceptor (< 10)	1
				Violation	1
				Molar Refractivity (40 - 130)	128.2167
3	cholestero			Molecular weight (< 500 Dalton)	386
				log P (< 5)	7.388702
				H-Bond Donor (< 5)	1
				H-Bond Acceptor (< 10)	1
				Violation	1
				Molar Refractivity (40 - 130)	119.0527
4	daturadiol			Molecular weight (< 500 Dalton)	442
				log P (< 5)	7.139702
				H-Bond Donor (< 5)	2
				H-Bond Acceptor (< 10)	2
				Violation	1
				Molar Refractivity (40 - 130)	132.1096
5	daturadiol02			Molecular weight (< 500 Dalton)	442
				log P (< 5)	7.139702
				H-Bond Donor (< 5)	2
				H-Bond Acceptor (< 10)	2
				Violation	1
				Molar Refractivity (40 - 130)	132.1096
6	daturametelin			Molecular weight (< 500 Dalton)	616
				log P (< 5)	1.9659
				H-Bond Donor (< 5)	5
				H-Bond Acceptor (< 10)	0
				Violation	1
				Molar Refractivity (40 - 130)	157.5762

7	daturaolone02			Molecular weight (< 500 Dalton)	44
				log P (< 5)	7.347902
				H-Bond Donor (< 5)	1
				H-Bond Acceptor (< 10)	2
				Violation	1
				Molar Refractivity (40 - 130)	131.1098
8	epoxy-trienolide			Molecular weight (< 500 Dalton)	388
				log P (< 5)	6.375901
				H-Bond Donor (< 5)	1
				H-Bond Acceptor (< 10)	2
				Violation	1
				Molar Refractivity (40 - 130)	116.0467
9	etambutol			Molecular weight (< 500 Dalton)	204
				log P (< 5)	-0.2926
				H-Bond Donor (< 5)	4
				H-Bond Acceptor (< 10)	4
				Violation	1
				Molar Refractivity (40 - 130)	58.33499
10	etil_pentanoate			Molecular weight (< 500 Dalton)	239
				log P (< 5)	2.6641
				H-Bond Donor (< 5)	11
				H-Bond Acceptor (< 10)	3
				Violation	1
				Molar Refractivity (40 - 130)	69.81268
11	hyoscyamine			Molecular weight (< 500 Dalton)	275
				log P (< 5)	1.8884
				H-Bond Donor (< 5)	1
				H-Bond Acceptor (< 10)	4
				Violation	1
				Molar Refractivity (40 - 130)	75.08878
12	isoniazid			Molecular weight (< 500 Dalton)	137
				log P (< 5)	-0.3149
				H-Bond Donor (< 5)	3
				H-Bond Acceptor (< 10)	4
				Violation	1
				Molar Refractivity (40 - 130)	35.8906

13	PregnanediolV			Molecular weight (< 500 Dalton)	320
				log P (< 5)	4.386999
				H-Bond Donor (< 5)	2
				H-Bond Acceptor (< 10)	2
				Violation	1
				Molar Refractivity (40 - 130)	92.90456
14	pyrazinamide			Molecular weight (< 500 Dalton)	123
				log P (< 5)	-0.4245
				H-Bond Donor (< 5)	2
				H-Bond Acceptor (< 10)	4
				Violation	1
				Molar Refractivity (40 - 130)	30.5499
15	scopolamine			Molecular weight (< 500 Dalton)	282
				log P (< 5)	0.00446
				H-Bond Donor (< 5)	0
				H-Bond Acceptor (< 10)	4
				Violation	1
				Molar Refractivity (40 - 130)	63.9875
16	sistoserol			Molecular weight (< 500 Dalton)	414
				log P (< 5)	8.024803
				H-Bond Donor (< 5)	1
				H-Bond Acceptor (< 10)	1
				Violation	1
				Molar Refractivity (40 - 130)	128.2168
17	streptomicin			Molecular weight (< 500 Dalton)	581
				log P (< 5)	-8.1611
				H-Bond Donor (< 5)	16
				H-Bond Acceptor (< 10)	19
				Violation	1
				Molar Refractivity (40 - 130)	132.9189
18	triterpene			Molecular weight (< 500 Dalton)	412
				log P (< 5)	9.133904
				H-Bond Donor (< 5)	0
				H-Bond Acceptor (< 10)	0
				Violation	1
				Molar Refractivity (40 - 130)	129.284

19	triterpenoid			Molecular weight (< 500 Dalton)	552
				log P (< 5)	7.113901
				H-Bond Donor (< 5)	3
				H-Bond Acceptor (< 10)	7
				Violation	1
				Molar Refractivity (40 - 130)	144.5524
20	withametelin			Molecular weight (< 500 Dalton)	452
				log P (< 5)	4.7697
				H-Bond Donor (< 5)	0
				H-Bond Acceptor (< 10)	5
				Violation	1
				Molar Refractivity (40 - 130)	122.903
21	withametelinB			Molecular weight (< 500 Dalton)	452
				log P (< 5)	4.7697
				H-Bond Donor (< 5)	0
				H-Bond Acceptor (< 10)	5
				Violation	1
				Molar Refractivity (40 - 130)	122.903
22	withanolideA			Molecular weight (< 500 Dalton)	470
				log P (< 5)	3.495399
				H-Bond Donor (< 5)	2
				H-Bond Acceptor (< 10)	6
				Violation	1
				Molar Refractivity (40 - 130)	124.5116
23	withanolideB			Molecular weight (< 500 Dalton)	454
				log P (< 5)	4.380499
				H-Bond Donor (< 5)	1
				H-Bond Acceptor (< 10)	5
				Violation	1
				Molar Refractivity (40 - 130)	123.0518

Lampiran 5. Tabel dan Grafik Nilai Banding Affinity Senyawa Hasil Docking In Silico

No	Nama Senyawa	Reseptor 2FUM		Reseptor 5V3X	
		Ikatan Afinitas, kcal/mol	rmsd	Ikatan Afinitas, kcal/mol	rmsd
1	Antropine	-6.3	0.94	-7	0.649
2	Beta-Sitostero	-6.7	8.973	-9.2	1.376
3	Cholestero	-7.4	1.498	-9.9	1.531
4	Daturadiol	-7.3	1.657	-9.4	1.694
5	Daturadiol02	-7.3	15.583	-9.7	1.485
6	Daturametelin	-9.3	2.808	-10.3	1.271
7	Daturaolone02	-7.3	2.627	-10.3	2.298
8	Epoxy-Trienolide	-7.8	1.724	-9.6	1.44
9	Etambutol	-4.4	11.83	-5.7	1.481
10	Etil_Pentanoate	-4.9	1.894	-5.6	1.439
11	Hyoscyamine	-6.8	2.119	-7.3	2.286
12	Isoniazid	-5.4	11.261	-6.2	1.872
13	Pregnanediolv	-7.1	2.212	-8.4	1.547
14	Pyrazinamide	-4.3	1.755	-4.9	3.135
15	Scopolamine	-6.4	1.39	-7.2	2.946
16	Sistoserol	-7.5	1.548	-9.6	1.466
17	Streptomicin	-6.4	1.98	-6.4	1.981
18	Triterpene	-8.2	2.099	-9.5	1.121
19	Triterpenoid	-7.6	1.266	-8.9	2.494
20	Withametelin	-9	1.979	-11.2	1.244
21	WithametelinA	-8.5	4.59	-10.1	1.331
22	WithanolideA	-8.6	1.45	-10.9	1.526
23	WithanolideB	-9.2	1.659	-10.6	2.02
24	Nativ Ligan	-7.4	1.005	-9.8	1.698
		mix539		128nat	