

# LAMPIRAN

**Lampiran 1.**Data Pengaruh Pelarut DMSO terhadap Kontraksi Otot Polos Uterus

Data Persentase Kontraksi Otot Polos uterus Akibat Pemberian Seri Konsentrasi Asetilkolin (Kontrol)

log	Respon kontraksi					Mean	SEM
	1	2	3	4	5		
-8,0	2,5	2,5	5	3,75	2,5	3,25	0,35
-7,5	12,5	10	8,75	9,375	10	10,13	0,45
-7,0	20	18,75	20	19,375	20	19,63	0,18
-6,5	27,5	27,5	30	25	28,75	27,75	0,59
-6,0	57,5	52,5	56,25	53,75	53,75	54,75	0,65
-5,5	70	77,5	75	72,5	77,5	74,50	1,03
-5,0	82,5	87,5	85	87,5	85	85,50	0,66
-4,5	90	91,25	92,5	93,75	91,25	91,75	0,45
-4,0	97,5	95	95	96,25	96,25	96,00	0,33
-3,5	100	100	100	100	100	100,00	0,00
-3,0	100	100	100	100	100	100,00	0,00

**Keterangan**

\* : % Respon kontraksi dihitung berdasarkan kontraksi otot polos uterus maksimal yang dicapai oleh seri konsentrasi asetilkolin (kontrol) Media = Larutan *buffer tyrod*

1. Data Pengaruh Pelarut DMSO Terhadap Kontraksi Otot Polos Uterus  
Akibat Pemberian DMSO 100  $\mu$ M + Seri Kadar Asetilkolin Kontrol

log	Respon kontraksi					Mean	SEM
	1	2	3	4	5		
-8,0	2,56	2,56	5	6,25	5,625	4,40	0,55
-7,5	15,36	13,44	18,75	18,75	17,5	16,76	0,73
-7,0	20,48	19,2	22,5	20	19,375	20,31	0,42
-6,5	29,44	28,16	30	30	27,5	29,02	0,36
-6,0	51,2	48,64	52,5	50	50,625	50,59	0,45
-5,5	65,28	67,2	68,75	70	67,5	67,75	0,56
-5,0	79,36	83,2	85	86,25	85	83,76	0,85
-4,5	89,6	92,16	93,75	91,25	91,25	91,60	0,48
-4,0	96	94,72	97,5	97,5	95	96,14	0,42
-3,5	100	100	100	100	100	100,00	0,00
-3,0	100	100	100	100	100	100,00	0,00

**Keterangan**

\* : % Respon kontraksi dihitung berdasarkan kontraksi otot polos uterus maksimal yang dicapai oleh seri konsentrasi asetilkolin (kontrol) Media: Larutan *buffer tyrode*

**Lampiran 2.**Data Pengaruh Senyawa 1-(2,5-dihidroksifenil)-(3-piridin-2-il)-propenon Terhadap Reseptor Asetilkolin Muskarinik (ACh--M3) Otot Polos uterus

1. Data presentasi kontraksi otot polos uterus akibat seri asetilkolin (kontrol)

log	Respon kontraksi												Mean	SEM
	1	2	3	4	5	6	7	8	9	10	11	12		
-10,0	12,5000	2,8571	3,33	3,33	3,33	33,33	13,33	6,67	3,33	3,33	3,33	3,33	7,67	2,57
-9,5	18,7500	8,5714	10,00	8,33	5,00	33,33	26,67	11,11	8,33	3,33	8,33	5,00	12,23	2,68
-9,0	25,0000	14,2857	11,67	8,33	6,67	5,00	26,67	13,33	8,33	8,33	10,00	9,33	12,25	1,98
-8,5	25,0000	20,0000	13,33	12,67	10,00	7,67	40,00	17,78	13,33	10,00	13,33	14,33	16,45	2,54
-8,0	31,2500	21,4286	16,67	14,33	13,33	13,33	40,00	22,22	13,33	10,00	20,00	16,67	19,38	2,49
-7,5	43,7500	25,7143	20,00	20,00	16,67	18,33	44,00	33,33	20,00	20,00	26,00	22,33	25,84	2,75
-7,0	72,5000	30,0000	26,67	25,00	23,33	26,67	66,67	55,56	21,67	21,67	27,67	28,33	35,48	5,28
-6,5	75,0000	31,4286	36,67	30,00	33,33	40,00	73,33	60,00	26,67	26,67	33,33	35,00	41,79	5,04
-6,0	75,0000	42,8571	40,00	40,00	66,67	73,33	77,33	66,67	33,33	46,67	46,67	43,33	54,32	4,64
-5,5	81,2500	80,0000	60,00	5,00	68,33	83,33	80,00	73,33	56,67	53,33	66,67	63,33	64,27	6,13
-5,0	85,0000	85,7143	70,00	68,33	75,00	95,00	84,00	88,89	73,00	80	76,67	83,33	80,41	2,32
-4,5	87,5000	91,4286	80,00	83,33	81,67	96,67	93,33	88,89	83,00	95	86,67	93,33	88,40	1,62
-4,0	94	100,0000	93,33	95,00	90,00	98,33	93,33	97,78	90,00	95	96,67	98,33	95,15	0,93
-3,5	100	100,0000	100,00	100,00	100,00	100,00	100	100	100,00	100	100,00	100,00	100,00	0,00

**Keterangan**

\* : % Respon kontraksi dihitung berdasarkan kontraksi otot polos uterus maksimal yang dicapai oleh seri konsentrasi Asetilkolin(kontrol) Media : Larutan *buffer tyrode*.

2. Data Persentase Kontraksi Otot Polos Uterus Akibat Pemberian Senyawa 1-(2,5-dihidroksifenil)-(3-piridin-2-il)-propenon 20  $\mu\text{M}$  + Seri Konsentrasi Asetilkolin

log	Respon kontraksi						Mean	SEM
	1	2	3	4	5	6		
-8,0	12,50	2,8571	3,33	3,33	3,33	3,33	4,78	1,55
-7,5	9,80	2,8571	5,00	3,33	5,00	3,33	4,89	1,05
-7,0	8,50	5,1429	5,00	5,00	5,00	3,33	5,33	0,69
-6,5	5,00	8,5714	6,67	5,00	6,67	5,00	6,15	0,59
-6,0	2,80	5,7143	9,33	6,67	6,67	6,00	6,20	0,86
-5,5	3,30	8,5714	10,00	9,33	9,33	7,67	8,03	1,00
-5,0	7,50	8,5714	15,00	10,00	10,00	5,00	9,35	1,36
-4,5	8,80	14,2857	20,00	15,00	15,00	25,00	16,35	2,26
-4,0	9,50	22,8571	26,67	20,00	20,00	32,00	21,84	3,09
-3,5	10,00	42,8571	36,67	30,00	30,00	60,00	34,92	6,74
-3,0	75,00	51,4286	60,00	33,33	60,00	73,33	58,85	6,27
-2,5	87,5	58,2857	70	71,67	76,67	76,67	73,47	3,93
-2,0	93,8	71,4286	83,33	83,33	86,67	83,33	83,65	2,95
-1,5	100	100	100	100	100	100,00	100,00	0,00

**Keterangan**

\* : % Respon kontraksi dihitung berdasarkan kontraksi otot polos uterus maksimal yang dicapai oleh seri konsentrasi asetilkolin (kontrol) Media : Larutan *buffer tyrode*, Organ dicuci dengan larutan *buffer tyrode* selama 30 menit sebelum pemberian Senyawa 1-(2,5-dihidroksifenil)-(3-piridin-2-il)-propenon 20  $\mu\text{M}$ , Perlakuan seri konsentrasi Asetilkolin dilakukan 10 menit setelah pemberian Senyawa 1-(2,5-dihidroksifenil)-(3-piridin-2-il)-propenon 20  $\mu\text{M}$ .

3. Data Persentase Kontraksi Otot Polos Uterus Akibat Pemberian Senyawa 1-(2,5-dihidroksifenil)-(3-piridin-2-il)-propenon 10  $\mu\text{M}$  + Seri Konsentrasi Asetilkolin.

log	Respon kontraksi						Mean	SEM
	1	2	3	4	5	6		
-8,0	13,33	4,40	3,33	3,33	3,33	3,33	5,18	1,64
-7,5	13,33	6,70	3,33	3,33	3,33	3,33	5,56	1,65
-7,0	20,00	6,70	5,00	6,67	5,00	3,33	7,78	2,50
-6,5	20,00	8,90	5,00	6,67	6,67	5,00	8,71	2,33
-6,0	20,00	15,60	5,00	6,67	7,67	6,67	10,27	2,47
-5,5	26,67	16,70	8,33	7,33	10,00	8,33	12,89	3,08
-5,0	26,67	20,00	10,00	11,67	15,00	11,00	15,72	2,65
-4,5	33,33	26,70	15,00	16,67	20,00	16,67	21,40	2,93
-4,0	33,33	51,10	23,33	18,33	26,67	26,67	29,91	4,69
-3,5	66,67	66,70	43,33	26,67	41,67	40,00	47,51	6,53
-3,0	69,33	71,10	65,00	53,33	56,67	76,67	65,35	3,64
-2,5	80	77,8	76,67	70	70	90	77,41	3,03
-2,0	86,67	91,1	83,33	83,33	86,67	93,33	87,41	1,66
-1,5	100	100	100	100	100	100	100,00	0,00

**Keterangan**

\* : % Respon kontraksi dihitung berdasarkan kontraksi otot polos uterus maksimal yang dicapai oleh seri konsentrasi asetilkolin (kontrol) Media : Larutan *buffer tyrode*, Organ dicuci dengan larutan *buffer tyrode* selama 30 menit sebelum pemberian Senyawa 1-(2,5-dihidroksifenil)-(3-piridin-2-il)-propenon 10  $\mu\text{M}$ , Perlakuan seri konsentrasi Asetilkolin dilakukan 10 menit setelah pemberian Senyawa 1-(2,5-dihidroksifenil)-(3-piridin-2-il)-propenon 10  $\mu\text{M}$ .

**Lampiran 3. Data Uji Reversibilitas Pemberian Senyawa 1-(2,5-dihidroksifenil)-(3-piridin-2-il)-propenon 10  $\mu$ M dan 20  $\mu$ M Terhadap Reseptor Asetilkolin (ACh--M3) Otot Polos Uterus**

1. Data respon kontraksi otot polos uterus akibat seri asetilkolin (kontrol)

log	Respon kontraksi										Mean	SEM
	1	2	3	4	5	6	7	8	9	10		
-8,0	6,2069	1,7241	3,27	2,63	6,25	5,41	1,92	7,41	18,18	5,88	5,89	1,51
-7,5	6,2069	1,7241	3,27	2,63	6,25	10,41	10,92	7,41	18,18	5,88	7,29	1,54
-7,0	10,3448	2,7586	4,08	2,63	8,75	15,41	20,08	7,41	21,21	5,88	9,86	2,17
-6,5	10,3448	2,7586	7,35	2,63	52,50	50,41	40,08	7,41	2,42	5,88	18,18	6,56
-6,0	13,4483	3,4483	8,16	62,63	55,63	55,41	8,08	7,41	8,48	51,76	27,45	7,95
-5,5	13,7931	3,4483	68,98	72,63	65,63	65,41	8,85	7,41	8,48	6,47	32,11	9,86
-5,0	14,8276	6,8966	70,20	73,63	68,50	75,41	70,85	7,11	8,48	7,06	40,30	10,51
-4,5	17,2414	76,3448	72,24	76,32	70,00	77,73	73,85	79,11	80,61	8,65	63,21	8,46
-4,0	17,2414	78,5172	80,37	81,58	75,38	80,00	78,77	80,51	90,61	85,53	74,85	6,54
-3,5	62,0690	80,1379	90,98	90,89	80,00	90,16	80,08	80,52	94,85	90,06	83,97	3,03
-3,0	89,6552	75,8621	91,63	100,00	100,00	100,00	84,92	90,81	100,00	93	92,58	2,52
-2,5	89,6552	96,5517	100,00	100,00	100,00	100,00	84,62	96,30	100,00	93	96,01	1,70
-2,0	100	100,0000	100,00	100,00	100,00	100,00	92,31	96,30	100,00	100	98,86	0,82
-1,5	100	100,0000	100,00	100,00	100,00	100,00	100	100	100,00	100	100,00	0,00

**Keterangan**

\* : % Respon kontraksi dihitung berdasarkan kontraksi otot polos uterus maksimal yang dicapai oleh seri konsentrasi Asetilkolin (kontrol) Media : Larutan *buffer tyrode*

2. Data Persentase Kontraksi Otot Polos Uterus Akibat Pemberian Senyawa 1-(2,5-dihidroksifenil)-(3-piridin-2-il)-propenon 20  $\mu\text{M}$  + Seri Konsentrasi Asetilkolin

log	Respon kontraksi						Mean	SEM
	1	2	3	4	5	6		
-8,0	12,50	2,8571	3,33	3,33	3,33	3,33	4,78	1,55
-7,5	12,50	5,7143	5,00	6,67	3,33	5,00	6,37	1,31
-7,0	15,00	9,1429	6,67	6,67	5,00	5,00	7,91	1,55
-6,5	26,25	14,2857	6,67	10,00	6,67	6,67	11,76	3,15
-6,0	28,75	20	11,67	11,67	11,67	11,67	15,91	2,91
-5,5	37,50	24,2857	13,33	16,67	15,00	16,67	20,58	3,72
-5,0	52,50	25,7143	18,33	21,67	20,00	21,67	26,65	5,27
-4,5	62,50	28,5714	23,33	25,00	28,33	26,67	32,40	6,07
-4,0	75,00	41,4286	30,00	35,00	33,33	33,33	41,35	6,90
-3,5	77,50	71,4286	40,00	43,33	66,67	80,00	63,15	7,07
-3,0	81,25	77,1429	63,33	66,67	70,00	90,00	74,73	4,08
-2,5	85	85,7143	73,33	76,67	76,67	98,33	82,62	3,74
-2,0	88	94,2857	90	90	83,33	98,33	90,66	2,11
-1,5	100	100	100	100	100	100,00	100,00	0,00

**Keterangan**

\* : % Respon kontraksi dihitung berdasarkan kontraksi otot polos uterus maksimal yang dicapai oleh seri konsentrasi asetilkolin (kontrol) Media : Larutan *buffer tyrode*, Organ dicuci dengan larutan *buffer tyrode* selama 30 menit sebelum pemberian Senyawa 1-(2,5-dihidroksifenil)-(3-piridin-2-il)-propenon 20  $\mu\text{M}$ , Perlakuan seri konsentrasi asetilkolin dilakukan 10 menit setelah pemberian Senyawa 1-(2,5-dihidroksifenil)-(3-piridin-2-il)-propenon 20  $\mu\text{M}$ .



3. Data Persentase Kontraksi Otot Polos Uterus Akibat Pemberian Senyawa 1-(2,5-dihidroksifenil)-(3-piridin-2-il)-propenon 10  $\mu\text{M}$  + Seri Konsentrasi Asetilkolin

log	Respon kontraksi						Mean	SEM
	1	2	3	4	5	6		
-8,0	13,33	6,67	3,33	3,33	3,33	3,33	5,55	1,65
-7,5	13,33	6,67	3,33	3,33	5,00	6,67	6,39	1,52
-7,0	20,00	6,67	6,67	3,33	6,00	8,33	8,50	2,39
-6,5	20,00	17,78	7,67	8,33	8,33	12,67	12,46	2,18
-6,0	26,67	22,22	10,00	8,33	10,00	17,67	15,82	3,09
-5,5	26,67	26,67	10,00	16,67	16,67	20,00	19,45	2,64
-5,0	40,00	51,11	16,67	21,67	25,00	25,00	29,91	5,30
-4,5	46,67	55,56	25,00	21,67	27,67	30,00	34,43	5,52
-4,0	73,33	62,22	30,00	40,00	36,67	40,00	47,04	6,88
-3,5	80,00	73,33	50,00	48,33	50,00	60,00	60,28	5,52
-3,0	82,67	84,44	63,33	60,00	66,67	70,00	71,19	4,15
-2,5	86,67	88,89	76,67	70	76,67	76,67	79,26	2,91
-2,0	93,33	95,56	86,67	90	86,67	86,67	89,82	1,58
-1,5	100	100	100	100	100	100	100,00	0,00

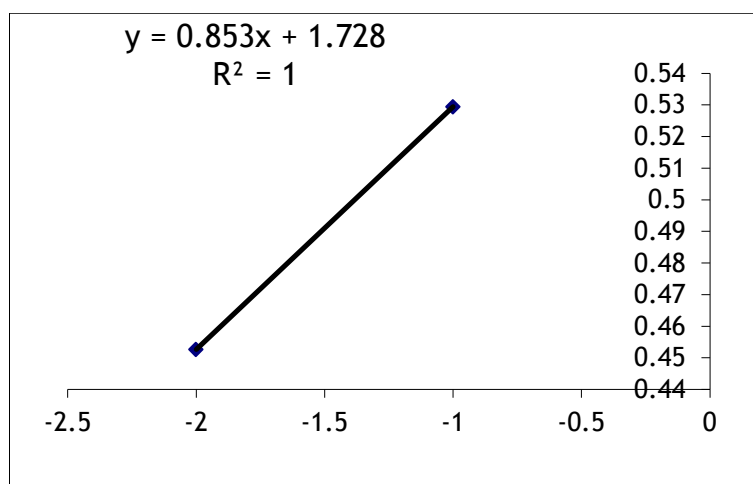
**Keterangan**

\* : % Respon kontraksi dihitung berdasarkan kontraksi otot polos uterus maksimal yang dicapai oleh seri konsentrasi asetilkolin (kontrol) Media : Larutan *buffer tyrode*, Organ dicuci dengan larutan *buffer tyrode* selama 30 menit sebelum pemberian Senyawa 1-(2,5-dihidroksifenil)-(3-piridin-2-il)-propenon 10  $\mu\text{M}$ , Perlakuan seri konsentrasi asetilkolin dilakukan 10 menit setelah pemberian Senyawa 1-(2,5-dihidroksifenil)-(3-piridin-2-il)-propenon 10  $\mu\text{M}$ .

#### Lampiran 4. Perhitungan Parameter Antagonis (pA2) Senyawa

1-(2,5dihidroksifenil)-(3-piridin-2-il)-propenon terhadap reseptor ACh- M3

No.	Perlakuan	pD2	A or A'	A'/A	x-1	log(x-1)	Kons M		Log M
							(uM)	(uM)	
1	Kontrol	6,1358	0,00000073						
2	Senyawa 1- (2,5-dihidroksifenil)- (3-piridin-2-il)- propenon 10 $\mu$ M	5,540	0,0000028	3,835616	2,835616	0,452647	20	0,00002	-2
3	Senyawa 1- (2,5-dihidroksifenil)- (3-piridin-2-il)- propenon 10 $\mu$ M	5,490	0,0000032	4,383562	3,383562	0,529374	10	0,00001	-1



**Lampiran 5.** Hasil Uji Statistik pada Uji Pengaruh Pelarut DMSO terhadap Kontraksi Otot Polos Uterus

1. Hasil uji statistik pada uji pengaruh pelarut DMSO terhadap kontraksi otot polos uterus yang diinduksi Asetilkolin

**Case Processing Summary**

	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
DMSO	5	83.3%	1	16.7%	6	100.0%
Kontrol	5	83.3%	1	16.7%	6	100.0%

**Tests of Normality**

a Lilliefors Significance Correction

	Statistic	Statistic Std. Error
DMSO Mean	6.0880	.04271
95% Confidence Interval Lower Bound for Mean	5.9694	
Upper Bound	6.2066	
5% Trimmed Mean	6.0833	
Median	6.0600	
Variance	.009	
Std. Deviation	.09550	
Minimum	6.01	
Maximum	6.25	
Range	.24	
Interquartile Range	.15	
Skewness	1.703	.913
Kurtosis	3.087	2.000
Kontrol Mean	6.1240	.04545
95% Confidence Interval Lower Bound for Mean	5.9978	
Upper Bound	6.2502	
5% Trimmed Mean	6.1183	
Median	6.0800	
Variance	.010	
Std. Deviation	.10164	
Minimum	6.05	
Maximum	6.30	
Range	.25	
Interquartile Range	.15	
Skewness	1.906	.913
Kurtosis	3.735	2.000

Kolmogorov-Smirnov(a)				Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
DMSO	.292	5	.191	.830	5	.139
kontrol	.316	5	.116	.769	5	.044

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 DMSO	1.5000	10	.52705	.16667
pD2	6.1060	10	.09489	.0300

#### Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	DMSO & pD2	10	.200	.580

#### Paired Samples Test

		Paired Differences				t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference Lower Upper			
Pair 1	DMSO - pD2	-4.60600	.51651	.16333	-4.97549 -4.23651	-28.200	9	.000

2. Hasil uji statistik pada uji pengaruh pelarut senyawa 1-(2,5dihidroksifenil)-(3-piridin-2-il)-propenon terhadap kontraksi otot polos uterus yang diinduksi asetilkolin

**Case Processing Summary**

dosis		Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
pd2	konrtrol	7	100.0%	0	.0%	7	100.0%
	20 $\mu$ M	6	100.0%	0	.0%	6	100.0%
	10 $\mu$ M	6	100.0%	0	.0%	6	100.0%

**Descriptives**

dosis			Statistic	Std. Error
pd2	konrtrol	Mean	5.9586	.09913
		95% Confidence Interval for Mean	Lower Bound 5.7160	
			Upper Bound 6.2011	
		5% Trimmed Mean	5.9529	
		Median	5.9100	
		Variance	.069	
		Std. Deviation	.26226	
		Minimum	5.65	
		Maximum	6.37	
		Range	.72	
		Interquartile Range	.50	
		Skewness	.750	.794
		Kurtosis	-.691	1.587
	20 $\mu$ M	Mean	5.5367	.28066
		95% Confidence Interval for Mean	Lower Bound 4.8152	

	Mean	Upper Bound	6.2581	
	5% Trimmed Mean		5.5019	
	Median		5.3700	
	Variance		.473	
	Std. Deviation		.68748	
	Minimum		4.89	
	Maximum		6.81	
	Range		1.92	
	Interquartile Range		.93	
	Skewness		1.548	.845
	Kurtosis		2.694	1.741
10 $\mu$ M	Mean		5.4917	.21527
	95% Confidence Interval for Mean	Lower Bound	4.9383	
		Upper Bound	6.0450	
	5% Trimmed Mean		5.4757	
	Median		5.2950	
	Variance		.278	
	Std. Deviation		.52731	
	Minimum		5.00	
	Maximum		6.27	
	Range		1.27	
	Interquartile Range		1.03	
	Skewness		.829	.845
	Kurtosis		-1.361	1.741

### Tests of Normality

dosis		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
pd2	konrtrol	.273	7	.125	.906	7	.368
	20 $\mu$ M	.245	6	.200 <sup>*</sup>	.865	6	.206
	10 $\mu$ M	.265	6	.200 <sup>*</sup>	.862	6	.196

a. Lilliefors Significance Correction

\*. This is a lower bound of the true significance.

### ANOVA

pd2

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.879	2	.440	1.688	.216
Within Groups	4.166	16	.260		
Total	5.045	18			

### Multiple Comparisons

pd2

LSD

(I) dosis	(J) dosis	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
konrtrol	20	.42190	.28389	.157	-.1799	1.0237
	10	.46690	.28389	.120	-.1349	1.0687
20	konrtrol	-.62190 <sup>*</sup>	.28389	.157	-1.0237	.1799
	10	.94500 <sup>*</sup>	.29461	.881	-.5795	.6695
10	konrtrol	-.46690	.28389	.120	-1.0687	.1349
	20	-.04500	.29461	.881	-.6695	.5795

\*. The mean difference is significant at the 0.05 level.

## Lampiran 6. Hasil uji reversibilitas kontraksi otot polos uterus

### 1. Uji statistik reversibilitas pada reseptor ACh- M<sub>3</sub>

**Case Processing Summary**

dosis		Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
pd2	kontrol	7	100.0%	0	.0%	7	100.0%
	20	5	100.0%	0	.0%	5	100.0%
	10	5	100.0%	0	.0%	5	100.0%

**Descriptives**

dosis			Statistic	Std. Error
pd2	kontrol	Mean	6.1343	.15297
		95% Confidence Interval for Mean		
		Lower Bound	5.7600	
		Upper Bound	6.5086	
		5% Trimmed Mean	6.1275	
		Median	6.2500	
		Variance	.164	
		Std. Deviation	.40472	
		Minimum	5.65	
		Maximum	6.74	
		Range	1.09	
		Interquartile Range	.70	
		Skewness	.077	.794
		Kurtosis	-1.155	1.587
	20	Mean	5.5240	.13231
		95% Confidence Interval for Mean		
		Lower Bound	5.1566	
		Upper Bound	5.8914	



	5% Trimmed Mean		5.5200	
	Median		5.3700	
	Variance		.088	
	Std. Deviation		.29585	
	Minimum		5.26	
	Maximum		5.86	
	Range		.60	
	Interquartile Range		.57	
	Skewness		.536	.913
	Kurtosis		-3.195	2.000
10	Mean		5.8980	.34127
	95% Confidence Interval for Mean	Lower Bound	4.9505	
		Upper Bound	6.8455	
	5% Trimmed Mean		5.8739	
	Median		5.5200	
	Variance		.582	
	Std. Deviation		.76310	
	Minimum		5.28	
	Maximum		6.95	
	Range		1.67	
	Interquartile Range		1.42	
	Skewness		.765	.913
	Kurtosis		-1.967	2.000

#### Tests of Normality

		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
pd2	konrtrol	.184	7	.200*	.925	7	.508
	20	.299	5	.166	.792	5	.070
	10	.290	5	.197	.835	5	.152

a. Lilliefors Significance Correction

### Tests of Normality

dosis		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
pd2	konrtrol	.184	7	.200*	.925	7	.508
	20	.299	5	.166	.792	5	.070
	10	.290	5	.197	.835	5	.152

\*. This is a lower bound of the true significance.

### ANOVA

pd2

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.059	2	.530	2.246	.133
Within Groups	4.480	19	.236		
Total	5.539	21			

### Multiple Comparisons

pd2

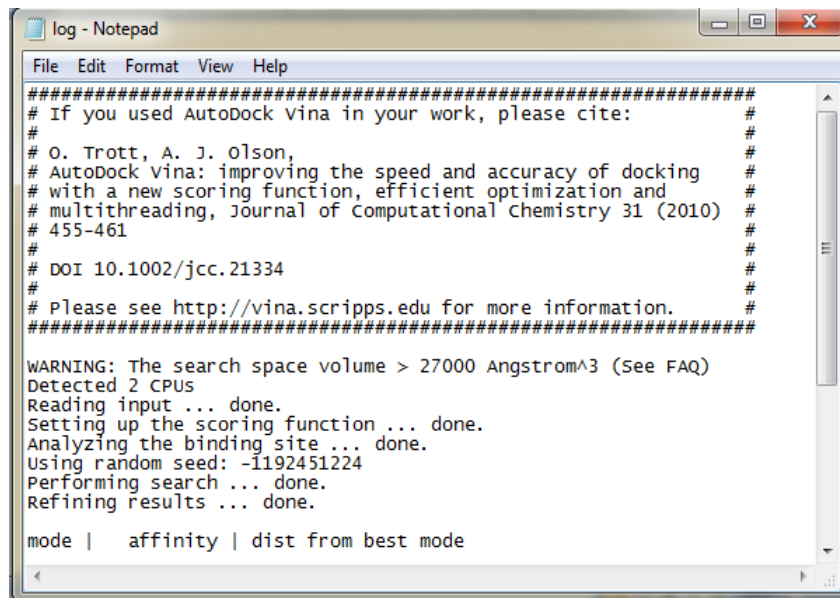
LSD

(I) dosis	(J) dosis	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
konrtrol	20	.54767*	.25846	.047	.0067	1.0886
	10	.17367	.25846	.510	-.3673	.7146
20	konrtrol	-.54767*	.25846	.047	-1.0886	-.0067
	10	-.37400	.30709	.238	-1.0168	.2688
10	konrtrol	-.17367	.25846	.510	-.7146	.3673
	20	.37400	.30709	.238	-.2688	1.0168

\*. The mean difference is significant at the 0.05 level.

## Lampiran 7. Hasil skor *docking* pada reseptor ACh- M<sub>3</sub>

### 1. Validasi *docking* pada reseptor ACh- M<sub>3</sub>



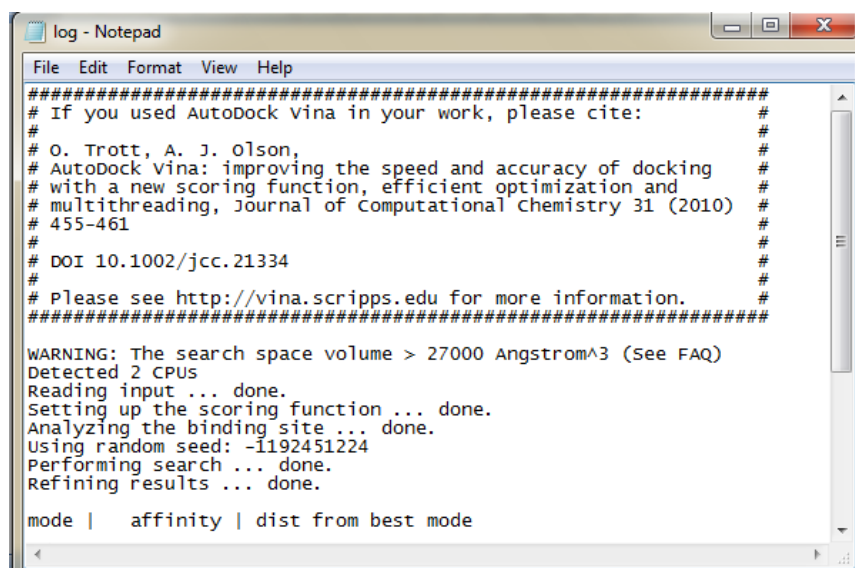
```

log - Notepad
File Edit Format View Help
#####
# If you used AutoDock vina in your work, please cite:
#
# O. Trott, A. J. Olson,
# AutoDock vina: improving the speed and accuracy of docking
# with a new scoring function, efficient optimization and
# multithreading, Journal of Computational Chemistry 31 (2010)
# 455-461
#
# DOI 10.1002/jcc.21334
#
# Please see http://vina.scripps.edu for more information.
#####
WARNING: The search space volume > 27000 Angstrom^3 (See FAQ)
Detected 2 CPUs
Reading input ... done.
Setting up the scoring function ... done.
Analyzing the binding site ... done.
Using random seed: -1192451224
Performing search ... done.
Refining results ... done.

mode |  affinity | dist from best mode

```

### 2. *Dockingsenyawa* 1-(2,5-dihidroksifenil)-(3-piridin-2-il)-propenon



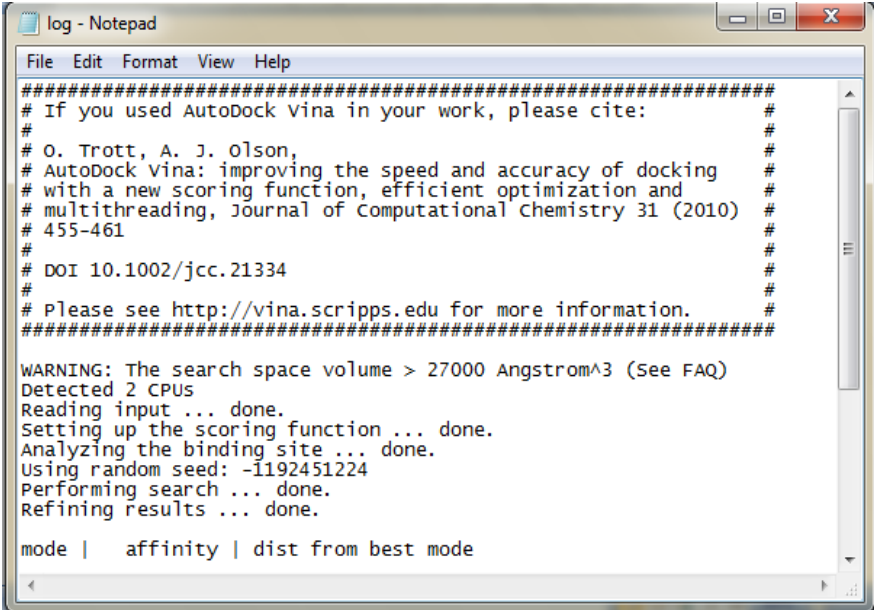
```

log - Notepad
File Edit Format View Help
#####
# If you used AutoDock vina in your work, please cite:
#
# O. Trott, A. J. Olson,
# AutoDock vina: improving the speed and accuracy of docking
# with a new scoring function, efficient optimization and
# multithreading, Journal of Computational Chemistry 31 (2010)
# 455-461
#
# DOI 10.1002/jcc.21334
#
# Please see http://vina.scripps.edu for more information.
#####
WARNING: The search space volume > 27000 Angstrom^3 (See FAQ)
Detected 2 CPUs
Reading input ... done.
Setting up the scoring function ... done.
Analyzing the binding site ... done.
Using random seed: -1192451224
Performing search ... done.
Refining results ... done.

mode |  affinity | dist from best mode

```

### 3. Docking senyawa Atropin pada reseptor ACh- M<sub>3</sub>



```
log - Notepad
File Edit Format View Help
#####
# If you used AutoDock vina in your work, please cite:
#
# O. Trott, A. J. Olson,
# AutoDock Vina: improving the speed and accuracy of docking
# with a new scoring function, efficient optimization and
# multithreading, Journal of Computational Chemistry 31 (2010)
# 455-461
#
# DOI 10.1002/jcc.21334
#
# Please see http://vina.scripps.edu for more information.
#####
WARNING: The search space volume > 27000 Angstrom^3 (See FAQ)
Detected 2 CPUs
Reading input ... done.
Setting up the scoring function ... done.
Analyzing the binding site ... done.
Using random seed: -1192451224
Performing search ... done.
Refining results ... done.

mode | affinity | dist from best mode
```