

PLS3-10と添加水量による回収率①

No.	化合物名	(上) 添加水量 (下) 溶媒比率 アセトリル/水					LogPow	No.	化合物名	(上) 添加水量 (下) 溶媒比率 アセトリル/水					LogPow
		1 mL	2 mL	4 mL	10 mL	20 mL				1 mL	2 mL	4 mL	10 mL	20 mL	
		48%	35%	22%	11%	6%				48%	35%	22%	11%	6%	
1	1-Naphthylacetamide	0.8	0.8	0.9	3.2	4.2		31	Bromobutide	9.8	22.4	70.4	93.2	89.3	
2	3-Hydroxycarbofuran	0.5	0.4	4.7	24.9	34.3		32	Bromofos methyl	43.2	73.6	92.9	91.8	91.6	
3	4,4'-Dichlorobenzophenone	43.0	69.9	91.3	90.8	90.1		33	Bromophos-ethyl	59.8	80.8	86.0	82.1	69.3	
4	Acephate	0.0	0.1	0.2	0.5	0.3		34	Bromopropylate	44.2	77.2	98.5	100.9	96.2	
5	Acetamipride	0.0	0.1	0.3	0.3	1.4		35	Buprimate	7.7	22.8	71.8	102.9	99.9	
6	Acetochlor	8.1	19.2	65.8	96.0	93.5	4.1	36	Buprofezin	22.9	50.0	86.7	104.8	102.5	
7	Acrinathrin	73.8	84.8	51.7	16.8	5.9	5.6	37	Butachlor	24.5	62.3	91.6	98.2	96.1	
8	Alachlor	7.7	18.8	65.0	97.9	97.2	3.1	38	Butamifos	23.2	57.1	87.2	95.7	94.5	
9	Allethrin-1,2	N.D.	N.D.	N.D.	N.D.	N.D.	5	39	Butylate	15.0	42.7	85.3	96.3	95.4	
10	Allethrin-3,4	23.2	65.5	101.0	97.3	96.8	5	40	Cadusafos	9.0	25.1	79.5	103.4	101.9	
11	Ametryn	4.2	7.1	21.1	78.6	94.0	2.6	41	Cafenstrole	13.9	44.2	97.4	142.7	129.2	ビーク形状×
12	Anilofos	18.6	66.2	117.5	130.7	118.8	3.8	42	Captafol	N.D.	N.D.	N.D.	N.D.	N.D.	StND
13	Aramite-3	28.4	63.8	86.9	93.3	90.5		43	Captan	N.D.	N.D.	N.D.	N.D.	N.D.	StND
14	Aramite-4	40.5	63.9	96.5	90.9	92.8		44	Carbaril	3.0	6.4	18.3	72.4	80.2	
15	Atrazine	3.5	5.3	13.9	50.9	71.6	2.5	45	Carbofuran	2.8	4.1	9.7	34.9	54.7	
16	Azaconazole	2.8	6.2	16.6	77.7	86.2	2.2	46	Carboxin	0.4	1.2	1.7	22.3	27.6	
17	Azinphos-Methyl	9.0	28.7	76.3	114.0	106.2	3	47	Carfentrazone ethyl	12.7	39.0	93.7	108.2	106.2	
18	Benalaxyl	9.7	29.2	80.5	97.2	96.2	3.5	48	Chlorbenside	50.9	68.6	78.7	79.3	77.1	
19	Bendiocarb	3.7	5.9	13.2	46.0	64.3	1.7	49	Chlorbufam	6.8	29.5	68.2	87.0	82.7	
20	Benfluranlin	37.4	77.5	92.9	92.4	89.3	5.3	50	Chlorethoxyphos	35.5	78.6	95.2	93.9	93.8	
21	Benfuresate	8.1	17.6	62.9	102.9	98.9	2.4	51	Chlorfenapyr	36.9	70.0	90.1	92.8	89.0	
22	Benoxacor	10.0	18.6	59.0	97.0	96.7	2.6	52	Chlorfenson	33.8	57.1	81.8	84.4	80.8	
23	BHC-alpha	24.7	57.4	93.2	100.0	96.8	3.5	53	Chlorfenvinphos-1	13.2	30.6	82.7	97.5	98.9	
24	BHC-beta-gamma	27.3	57.9	89.9	94.5	94.1	3.5	54	Chlorfenvinphos-2	13.5	28.0	84.2	100.5	97.0	
25	BHC-delta	26.9	62.9	93.5	101.6	95.9	3.5	55	Chlorobenzilate	28.1	67.1	95.6	101.5	98.2	
26	Bifenox	40.1	84.2	105.4	116.3	106.2	4.5	56	Chloroneb	14.0	29.8	74.7	92.5	91.0	
27	Bifenthrin	77.3	84.7	41.0	14.7	5.1	6	57	Chlorpropham	15.2	33.9	81.8	107.6	100.8	
28	Bitertanol-1	25.9	161.6	169.7	237.0	170.8	夾雑被る	58	Chlorpyrifos	39.2	72.8	89.2	89.6	91.4	4.7
29	Bitertanol-2	8.3	31.3	60.5	78.8	73.4	4.1	59	Chlorpyrifos-methyl	29.6	67.7	99.2	102.4	98.6	
30	Bromacil	2.0	2.1	3.2	16.5	27.5	1.9	60	Chlorthal-dimethyl	20.4	52.4	91.9	97.6	95.2	

PLS3-10と添加水量による回収率②

No.	化合物名	(上) 添加水量					LogPow	No.	化合物名	(下) 溶媒比率 アセトニル/水					LogPow
		1 mL	2 mL	4 mL	10 mL	20 mL				1 mL	2 mL	4 mL	10 mL	20 mL	
		48%	35%	22%	11%	6%				48%	35%	22%	11%	6%	
61	Chlozolate	14.9	44.0	90.2	99.8	95.0		91	Dicloran	8.0	21.5	50.5	94.9	94.2	
62	Cinidon-ethyl	39.7	76.0	96.3	100.2	95.7		92	Dicrotofos	2.2	4.4	2.1	1.0	1.1	
63	Clomazone	4.5	7.8	31.0	86.3	91.4		93	Diethofencarb	6.9	13.2	48.6	101.7	98.9	
64	Cyanazine	1.8	3.7	7.4	40.2	60.4		94	Difenoconazole-1	17.7	58.2	89.7	89.8	84.4	
65	Cyanophos	8.1	18.8	65.4	96.2	94.2		95	Difenoconazole-2	17.6	58.4	89.3	107.9	101.7	
66	Cyfluthrin-1	108.4	134.7	85.5	71.3	35.4	夾雑被る	96	Diflufenican	27.1	66.6	96.3	100.9	96.6	
67	Cyfluthrin-2	74.0	86.3	76.8	46.8	21.0	6	97	Dimepiperate	26.3	41.9	83.8	99.5	106.0	
68	Cyfluthrin-3	80.3	82.3	66.9	41.2	18.4	6	98	Dimethametryn	7.6	17.0	53.2	96.1	96.3	
69	Cyfluthrin-4	66.9	79.6	68.9	43.6	23.1	6	99	Dimethenamid	5.3	9.9	37.6	91.1	93.3	
70	Cyhalofop-butyl	38.1	78.8	99.4	106.5	100.6		100	Dimethipin	18.5	44.3	99.4	122.3	118.9	夾雑
71	Cyhalothrin-1	75.2	91.6	72.4	36.3	16.9	6.9	101	Dimethoate	1.8	2.8	2.7	7.7	9.3	
72	Cyhalothrin-2	68.4	81.0	69.1	36.4	17.4	6.9	102	Dimethylvinphos-z	5.8	14.4	59.7	97.2	95.8	
73	Cypermethrin-1	79.6	83.3	54.5	28.0	14.4	6.6	103	Dioxathion	40.8	68.9	87.6	100.3	89.7	
74	Cypermethrin-2	77.7	83.1	74.2	39.8	20.6	6.6	104	Diphenamide	4.6	8.6	31.4	88.3	89.9	
75	Cypermethrin-3	71.4	84.7	75.3	44.6	20.9	6.6	105	Disulfoton	0.0	5.9	11.5	47.0	52.4	
76	Cypermethrin-4	76.4	82.2	74.4	44.0	22.0	6.6	106	Disulfoton sulfone	5.5	11.9	40.3	96.6	94.1	
77	Cyproconazole-1	3.9	10.4	42.4	105.6	103.1	2.9	107	Edifenphos	12.5	36.3	92.3	107.1	103.4	
78	Cyproconazole-2	11.8	20.4	44.0	90.6	86.7	2.9	108	Endosulfan	41.5	73.8	96.8	95.3	92.6	
79	DEF(tribufos)	34.4	75.2	92.0	86.9	80.9		109	Endosulfan II	38.9	68.4	97.2	98.7	96.9	
80	Deltamethrin	81.2	85.0	60.9	30.3	11.7	4.6	110	Endosulfan sulfate	29.9	76.1	92.6	103.2	99.2	
81	Demeton-S-methyl	0.0	0.0	0.0	2.6	6.1		111	EPN	41.1	74.5	96.4	102.0	97.2	
82	Diallate-1	27.0	66.1	97.0	102.5	100.7		112	Epoxiconazole	7.5	23.4	70.0	102.4	98.4	
83	Diallate-2	27.6	66.9	100.2	105.9	103.6		113	EPTC	7.7	18.4	54.7	94.3	95.3	
84	Diazinone	11.9	33.5	87.0	104.5	99.7		114	Esprocarb	30.1	65.9	95.5	94.9	94.9	
85	Dichlofenthion	39.6	71.8	90.6	87.2	89.4		115	Ethalfuralin	34.0	75.8	100.5	94.4	96.0	
86	Dichlofluanid	0.0	0.0	23.0	31.7	32.3		116	Ethiofencarb	0.3	0.4	0.7	6.6	10.1	
87	Dichlorvos	1.6	2.4	4.7	13.1	23.3		117	Ethion	46.1	79.3	100.8	102.1	98.6	
88	Diclocymet-1	8.1	30.0	72.8	93.4	92.3		118	Ethofumesate	8.0	20.2	65.2	91.8	91.7	
89	Diclocymet-2	11.3	35.7	81.2	100.0	96.5		119	Ethoprophos	4.5	10.5	40.1	97.1	98.4	
90	Diclofop-methyl	44.5	74.5	94.2	95.8	93.2		120	Etofenprox	78.9	85.1	70.6	48.2	26.6	

PLS3-10と添加水量による回収率③

No.	化合物名	(上) 添加水量 (下) 溶媒比率 アセトニル/水					LogPow	No.	化合物名	(上) 添加水量 (下) 溶媒比率 アセトニル/水					LogPow
		1 mL	2 mL	4 mL	10 mL	20 mL				1 mL	2 mL	4 mL	10 mL	20 mL	
		48%	35%	22%	11%	6%				48%	35%	22%	11%	6%	
121	Etoazole	35.7	68.9	88.1	86.2	80.8		151	Flutolanil	11.4	38.3	78.5	100.9	95.1	
122	Etrimfos	13.6	36.7	85.6	101.3	100.1		152	Flutriafol	2.7	5.2	13.1	61.5	62.4	
123	Fenamidone	11.9	37.1	85.6	123.6	115.5		153	Fluvalinate-1	81.0	83.2	46.1	15.7	5.2	
124	Fenamiphos	1.6	7.2	25.0	76.9	79.9		154	Fluvalinate-2	82.1	82.7	45.5	15.5	5.3	
125	Fenarimol	8.1	25.3	61.7	95.5	90.7		155	Formothion	8.5	15.8	23.1	55.9	67.5	
126	Fenbuconazole	10.4	36.9	72.8	90.2	85.7		156	Fosthiazate-1	2.9	5.5	14.3	52.8	75.4	
127	Fenchlorphos	39.9	70.6	92.8	91.1	90.9		157	Fosthiazate-2	2.3	5.2	11.1	52.0	71.7	
128	Fenitrothion	15.6	40.1	86.3	96.2	97.7		158	Halfenprox	88.6	88.5	34.5	10.3	3.3	
129	Fenobucarb	5.6	10.4	36.6	88.6	90.1		159	Hexaconazole	8.0	21.0	62.8	97.9	93.2	
130	Fenothiocarb	15.0	37.4	85.0	100.1	98.2		160	Hexazinone	0.6	0.4	0.7	13.5	28.5	
131	Fenoxanil	11.7	36.4	82.5	101.4	93.7		161	Imazamethabenz methyl	1.6	1.3	3.2	21.8	42.0	
132	Fenpropathrin	62.6	84.0	87.2	73.1	48.8		162	Imibenconazole	36.3	84.1	86.1	93.7	79.1	
133	Fenpropemorph	3.1	13.4	26.5	94.1	95.9		163	Imibenconazole-des-benzyl	0.5	0.9	0.5	11.5	22.3	
134	Fensulfothion	4.2	6.4	24.6	96.4	97.9		164	Iprobenfos	6.4	14.1	65.9	97.3	97.7	
135	Fenthion	11.7	40.9	65.4	86.6	87.0		165	Iprodione	11.2	31.3	81.6	103.8	98.7	
136	Fenvalerate-1	74.5	79.1	59.0	29.8	12.3	5	166	Isazophos	9.2	26.5	76.2	97.7	95.3	
137	Fenvalerate-2	75.8	79.0	59.8	33.1	14.8	5	167	Isofenphos	13.5	46.3	86.2	92.4	93.5	
138	FIPRONIL	11.6	46.5	84.7	98.5	94.7		168	Isofenphos P=O	4.2	8.0	30.9	95.1	97.4	
139	Flamprop-methyl	9.2	24.6	78.0	101.5	98.8		169	Isoprocarbe	4.1	6.3	19.1	64.4	75.2	
140	Fluacrypyrim	17.6	58.1	99.6	103.5	102.4		170	Isoprothiolane	13.0	26.6	74.5	101.2	104.7	
141	Flucythrinate-1	68.1	83.4	75.2	43.8	20.1	4.7	171	Isoxathion	27.9	55.4	87.2	97.9	97.6	
142	Flucythrinate-2	67.4	85.6	76.9	45.6	21.2	4.7	172	Isoxathion-ox	1.8	7.7	54.2	97.7	98.8	
143	Fludioxonil	4.4	15.7	35.9	54.8	46.6		173	Kresoxim-methyl	15.4	42.3	88.2	99.0	96.5	
144	Flufenpyl-ethyl	11.7	36.8	88.0	106.4	104.2		174	Lenacil	2.6	4.0	7.9	44.0	59.7	
145	Flumiclorac-pentyl	42.2	78.5	95.3	99.7	93.9		175	Malathion	7.5	21.8	75.3	97.1	95.3	
146	Flumioxazin	6.8	22.0	59.7	92.7	87.7		176	Mecarbam	12.1	33.0	84.0	104.0	98.9	
147	Fluquinconazole	11.9	36.1	79.3	109.7	104.0		177	Mefenacet	11.1	31.6	76.7	108.4	102.2	
148	Fluridone	5.4	12.9	33.2	58.6	54.9		178	Mefenpyr-diethyl	18.2	51.6	96.2	106.7	103.3	
149	Flusilazole	8.3	28.2	79.4	100.5	97.2		179	Mepronil	13.7	42.6	90.4	116.9	111.3	
150	Fluthiacet-methyl	18.2	53.3	81.3	94.6	90.7		180	Metalaxyl	1.9	2.7	8.8	50.1	69.7	

PLS3-10と添加水量による回収率④

No.	化合物名	(上) 添加水量 (下) 溶媒比率 アセトニル/水					LogPow	No.	化合物名	(上) 添加水量 (下) 溶媒比率 アセトニル/水					LogPow
		1 mL	2 mL	4 mL	10 mL	20 mL				1 mL	2 mL	4 mL	10 mL	20 mL	
		48%	35%	22%	11%	6%				48%	35%	22%	11%	6%	
181	Methamidophos	0.1	0.1	0.1	0.1	0.1		211	Phenothrin-2	81.9	95.8	73.9	42.7	21.2	6
182	Methidathion	8.9	17.8	58.2	96.0	93.3		212	Phenthoate	22.1	56.4	96.3	99.1	96.8	
183	Methiocarb	6.0	13.7	47.5	92.5	92.7		213	Phorate	11.9	36.3	63.2	86.9	89.0	
184	Methoprene-1	19.5	28.5	51.5	81.8	78.0		214	Phosalone	31.3	76.1	104.6	113.4	105.0	
185	Methoprene-2	34.1	80.4	78.2	75.6	63.8		215	Phosmet	10.1	32.2	79.5	107.5	103.3	
186	Methoxychlor	38.8	55.0	85.3	90.1	88.1		216	Phosphamidon	1.8	1.6	2.6	13.5	28.8	
187	Metolachlor	7.3	16.5	60.9	99.1	99.0		217	Phthalide	14.0	32.3	77.8	100.6	96.4	
188	Metominostrobin-e	4.1	8.8	32.8	88.4	87.8		218	Picolinafen	36.6	71.2	92.9	96.1	91.4	
189	Metominostrobin-z	3.9	7.8	22.3	79.1	83.7		219	Piperonyl butoxide	21.8	60.6	98.5	104.1	100.7	
190	Mevinphos	1.9	0.7	1.0	3.7	5.8		220	Piperophos	16.3	50.6	95.1	106.0	103.6	
191	Monocrotophos	0.0	1.5	1.9	3.1	0.4		221	Pirimicarb	1.9	2.4	4.0	16.7	45.7	
192	Myclobutanil	5.0	15.0	52.2	97.4	94.1		222	Pirimiphos methyl	17.0	44.1	89.5	98.0	98.2	
193	Napropamide	7.6	19.4	67.4	100.0	94.5		223	Pretilachlor	14.9	40.9	85.9	103.4	96.5	
194	Nitrothal-isopropyl	16.5	49.8	89.5	97.7	95.4		224	Procymidone	13.0	32.2	76.7	99.5	95.3	
195	Norflurazon	3.3	4.2	16.9	69.9	76.5		225	Profenofos	23.3	58.0	100.7	104.5	104.9	
196	Oryzalin	0.0	0.0	0.0	0.0	0.0		226	Prohydrojasmon-1	14.8	41.0	93.2	105.6	101.9	
197	Oxadiazone	37.5	80.3	104.4	105.7	100.2		227	Prohydrojasmon-2	11.5	44.2	99.1	104.9	95.8	
198	Oxadixyl	2.1	1.3	6.0	26.7	37.4		228	Prometryn	6.2	11.7	37.0	93.7	99.9	
199	Oxyfluorfen	42.0	70.1	92.4	93.2	88.9		229	Propachlor	4.2	7.9	21.5	70.3	80.8	
200	p,p'-DDD	68.5	81.0	89.3	81.4	66.2		230	Propanil	4.5	13.3	44.2	95.4	94.6	
201	p,p'-DDE	78.4	80.5	67.7	48.1	28.6		231	Propaphos	3.0	12.7	44.4	78.0	79.6	
202	Paclobutrazol	6.2	14.2	42.5	96.1	95.8		232	Propargite(BPPS)	48.8	74.5	92.2	87.9	81.7	
203	Parathion	18.0	49.8	87.7	96.3	100.2		233	Propazine	6.7	8.9	28.9	82.5	90.7	
204	Parathion-methyl	13.8	33.1	84.5	101.7	99.4		234	Propiconazole-1	10.1	24.1	81.2	109.5	105.7	
205	Penconazole	7.5	20.4	70.7	100.5	97.4		235	Propiconazole-2	12.5	32.2	82.2	106.0	101.9	
206	Pendimethalin	36.8	70.2	93.5	91.4	91.0		236	Propoxur	2.6	3.8	8.1	28.1	46.0	
207	Permethrin-cis	90.5	97.8	74.0	44.4	24.3	6.1	237	Propyzamide	9.8	21.0	63.6	94.8	92.4	
208	Permethrin-trans	84.9	93.9	71.5	42.6	20.4	6.1	238	Prothiophos	64.3	81.0	86.0	73.6	57.5	5.67
209	Perthane	63.7	82.7	79.2	59.3	38.6		239	Pyraclufos	18.5	57.0	100.4	95.8	90.0	
210	Phenothrin-1	79.1	99.6	81.2	57.6	33.6	6	240	Pyraflufen-ethyl	18.2	58.7	92.0	101.1	96.1	

PLS3-10と添加水量による回収率⑤

No.	化合物名	(上) 添加水量 (下) 溶媒比率 アセトニル/水					LogPow	No.	化合物名	(上) 添加水量 (下) 溶媒比率 アセトニル/水					LogPow
		1 mL	2 mL	4 mL	10 mL	20 mL				1 mL	2 mL	4 mL	10 mL	20 mL	
		48%	35%	22%	11%	6%				48%	35%	22%	11%	6%	
241	Pyrazophos	16.8	54.0	100.9	112.4	105.3	6.37	271	Terbacil	2.3	3.2	5.9	22.4	38.3	6.4
242	Pyributicarb	35.8	70.1	90.9	97.2	94.9		272	Terbufos	17.3	55.4	74.9	89.7	90.7	
243	Pyridaben	59.1	89.5	98.1	84.3	62.0		273	Terbutryn	6.3	11.7	41.5	94.7	97.9	
244	Pyridafenthion	6.9	22.7	76.6	107.5	105.2		274	Tetrachlorvinphos	9.8	27.4	82.1	102.6	99.0	
245	Pyrifenox-1	4.7	10.4	36.1	94.7	93.8		275	Tetraconazole	5.9	20.1	72.4	98.5	96.6	
246	Pyrifenox-2	7.2	13.3	41.2	99.5	96.0		276	Tetradifon	52.1	83.0	97.4	99.3	95.0	
247	Pyrimethanil	8.5	14.1	37.9	88.1	90.2		277	Thenylchlor	13.1	34.9	83.8	102.1	100.1	
248	Pyrimidifen	12.6	34.4	82.4	98.6	96.3		278	Thifluzamide	6.3	24.8	37.6	52.8	43.4	
249	Pyriminobac-methyl-1	4.6	10.0	41.1	95.7	97.9		279	Thiobencarb	23.0	53.3	93.3	96.3	96.2	
250	Pyriminobac-methyl-2	9.1	20.2	67.0	99.2	97.9		280	Thiometon	0.5	4.1	8.1	40.3	43.9	
251	Pyriproxyfen	59.5	84.3	100.1	98.4	93.7		281	Tolclofos-methyl	29.0	65.5	98.8	100.2	98.0	
252	Pyroquilon	4.5	5.6	6.5	20.7	34.1		282	Tolfenpyrad	38.5	72.2	93.6	92.8	87.0	
253	Quinoclamine	1.0	3.1	9.8	49.7	65.8		283	Toriadimefon	5.3	13.4	59.5	98.0	95.1	
254	Quinolphos	17.4	39.1	89.2	104.0	98.3		284	Triadimenol-1	9.3	14.6	30.4	93.2	91.0	
255	Quinomethionate	24.7	42.9	68.7	79.2	79.4		285	Triadimenol-2	4.9	12.6	35.8	94.4	88.9	
256	Quinoxyfen	39.5	69.3	90.0	91.4	86.1		286	Triallate	42.5	80.4	98.0	97.2	96.9	
257	Quintozen	41.8	74.4	92.1	84.1	85.0		287	Triazophos	11.5	40.0	96.2	118.3	115.1	
258	Resmethrin-1	59.2	79.2	60.7	55.6	36.4		288	Tricyclazole	1.3	3.0	6.4	12.1	15.6	
259	Resmethrin-2	55.9	71.6	60.4	48.6	28.1		289	Trifloxystrobin	25.0	75.3	102.8	108.8	105.8	
260	Silafluofen	75.0	73.3	17.2	3.0	0.8		290	Trifluralin	36.5	74.3	91.3	89.6	83.9	
261	Simazin	1.5	2.3	4.9	19.2	37.4		291	Uniconazole	6.2	18.7	56.7	100.1	95.9	
262	Simetryn	2.9	5.1	9.9	47.4	75.1		292	Vinclozoline	17.2	47.9	94.6	105.9	105.5	
263	Spirodiclofen	51.5	79.0	92.9	89.7	77.2		293	XMC	3.1	4.7	13.5	51.6	69.6	
264	Spiroxamine-1	1.9	9.1	14.6	88.4	87.7		294	Zoxamide	17.2	46.2	87.1	98.7	97.3	
265	Spiroxamine-2	2.3	10.6	13.4	95.3	91.7									
266	TCMTB	5.8	20.4	63.0	83.2	80.7									
267	Tebuconazole	8.1	22.1	65.2	100.7	96.5									
268	Tebufenpyrad	21.4	65.1	107.8	113.8	109.3									
269	Tecnazene	30.3	66.5	89.0	89.3	89.3									
270	Tefluthrine	56.2	82.9	75.7	55.6	35.0									