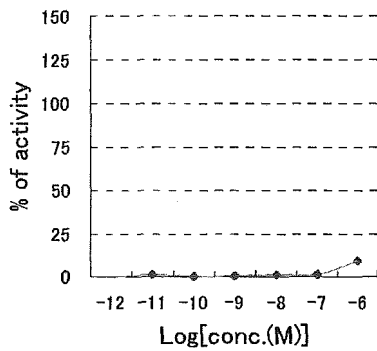


sample No. AT107
 chemical name Biphenyl, 4-methyl-
 CAS. 644-08-6

AR agonist assay

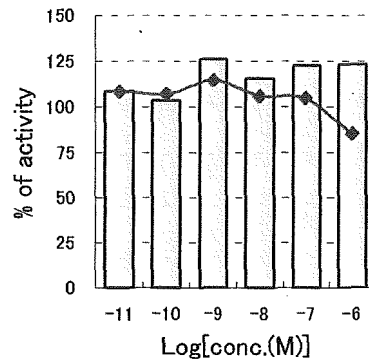
LOG[conc.(M)]	luc
-6	9.3
-7	1.2
-8	1.1
-9	0.5
-10	0.0
-11	1.1
-12	-0.3



AR antagonist assay

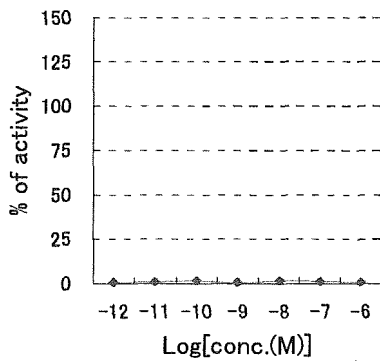
LOG[conc.(M)]	luc	ren
-6	85	123
-7	105	122
-8	106	115
-9	115	126
-10	107	103
-11	109	108

Cell viability



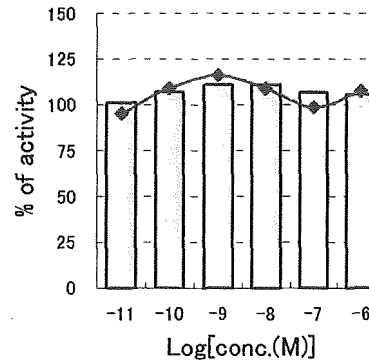
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-6	1.1
-7	1.4
-8	1.6
-9	0.8
-10	1.7
-11	1.1
-12	0.8



TRβ-RXR antagonist assay

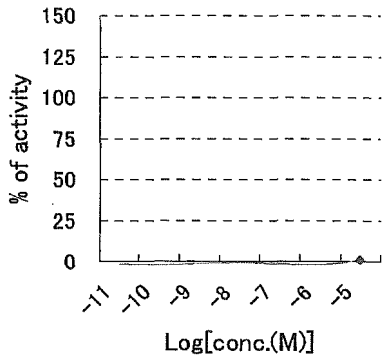
LOG[conc.(M)]	luc	ren
-6	108	106
-7	99	107
-8	109	111
-9	116	111
-10	109	107
-11	95	101



sample No. AT108
 chemical name 5-Chloro-2-benzothiazolethiol
 CAS. 5331-91-9

AR agonist assay

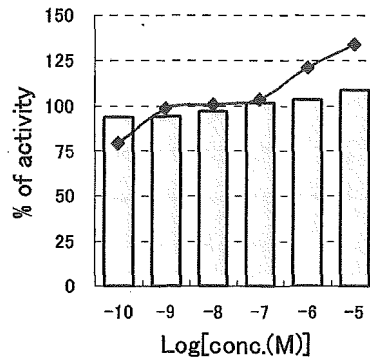
LOG[conc.(M)]	luc
-5	0.9
-6	-1.8
-7	-1.4
-8	-0.5
-9	-0.9
-10	-2.0
-11	-1.2



AR antagonist assay

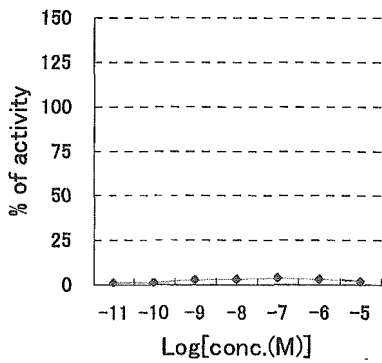
LOG[conc.(M)]	luc	ren
-5	134	109
-6	121	103
-7	104	101
-8	101	97
-9	99	94
-10	80	94

Cell viability



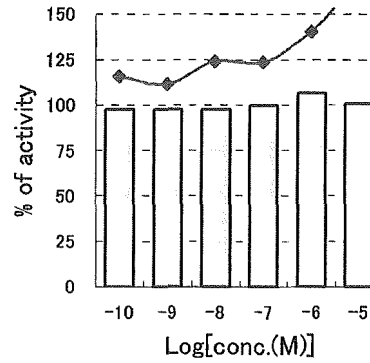
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	1.9
-6	3.1
-7	3.9
-8	3.4
-9	2.9
-10	1.4
-11	1.1



TRβ-RXR antagonist assay

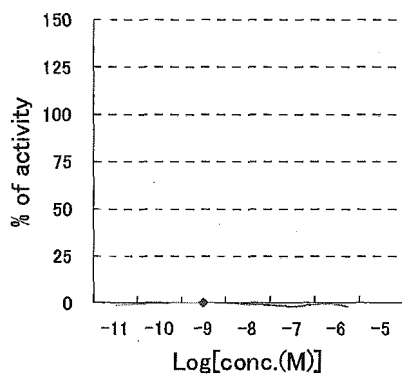
LOG[conc.(M)]	luc	ren
-5	169	101
-6	140	106
-7	123	99
-8	124	97
-9	111	97
-10	116	97



sample No. AT109
 chemical name Hydroquinone, (1,1,3,3-tetramethylbutyl)-
 CAS. 719-03-9

AR agonist assay

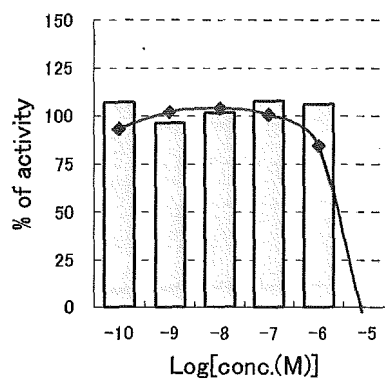
LOG[conc.(M)]	luc
-5	-6.9
-6	-1.0
-7	-1.9
-8	-0.7
-9	-0.1
-10	-0.4
-11	-1.2



AR antagonist assay

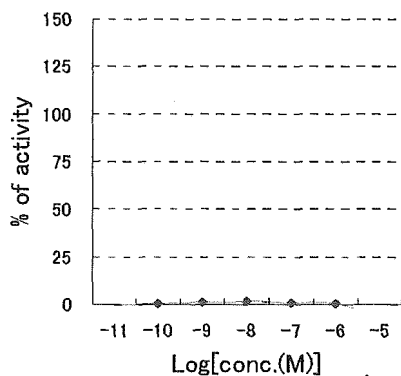
LOG[conc.(M)]	luc	ren
-5	-15	-16
-6	85	106
-7	101	107
-8	104	102
-9	102	96
-10	94	107

Cell viability



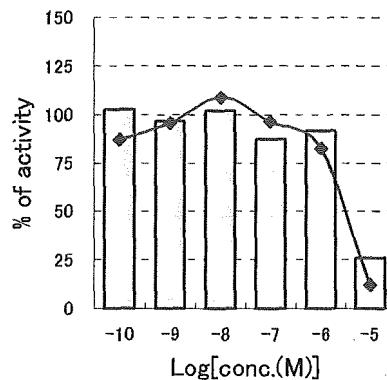
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	-6.4
-6	0.5
-7	1.0
-8	1.8
-9	1.3
-10	0.6
-11	-0.2



TRβ-RXR antagonist assay

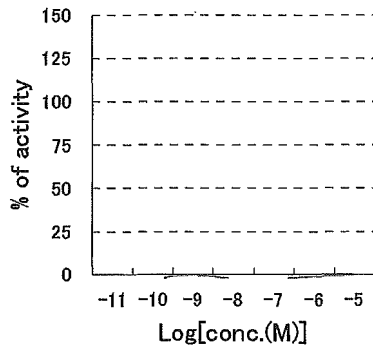
LOG[conc.(M)]	luc	ren
-5	12	26
-6	83	91
-7	96	87
-8	109	102
-9	96	97
-10	87	103



sample No. AT110
 chemical name Hemiarin
 CAS. 531-59-9

AR agonist assay

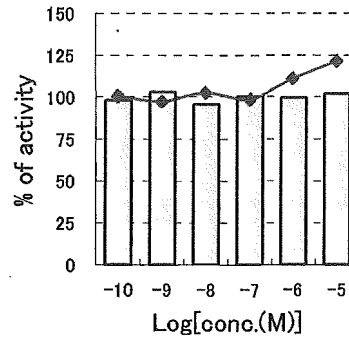
LOG[conc.(M)]	luc
-5	-0.3
-6	-1.4
-7	-2.8
-8	-2.2
-9	-0.5
-10	-2.8
-11	-2.1



AR antagonist assay

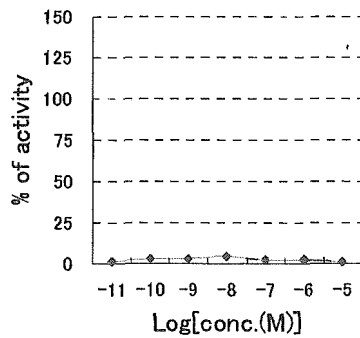
LOG[conc.(M)]	luc	ren
-5	121	102
-6	111	99
-7	99	101
-8	103	96
-9	97	103
-10	100	98

Cell viability



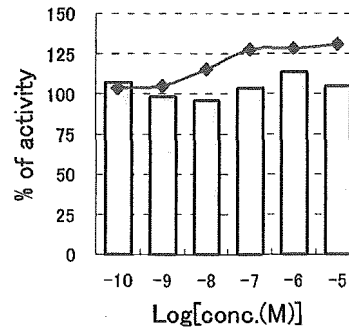
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	1.3
-6	2.4
-7	2.4
-8	4.5
-9	3.1
-10	3.1
-11	1.4



TRβ-RXR antagonist assay

LOG[conc.(M)]	luc	ren
-5	131	105
-6	129	113
-7	128	103
-8	115	96
-9	105	98
-10	104	107

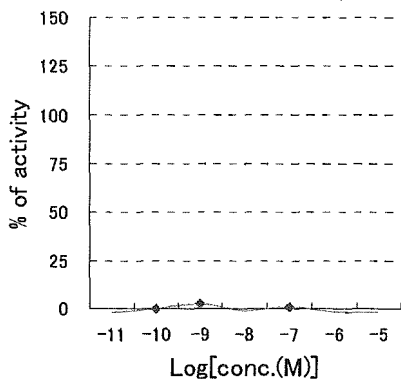


sample No.
chemical name
CAS.

AT111
O,O-Diethyl O-(3-chloro-4-methyl-2-oxo-2H-1-benzop
56-72-4

AR agonist assay

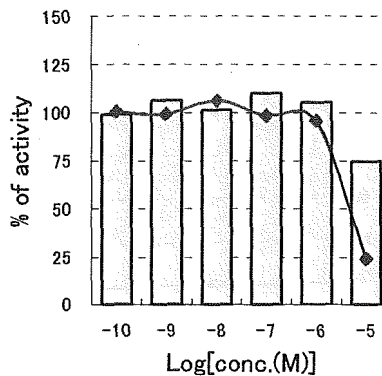
LOG[conc.(M)]	luc
-5	-2.1
-6	-1.5
-7	1.0
-8	-0.8
-9	2.6
-10	0.0
-11	-1.7



AR antagonist assay

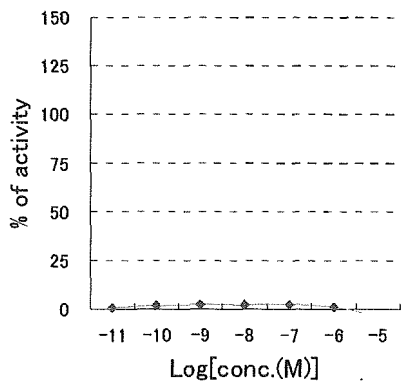
LOG[conc.(M)]	luc	ren
-5	24	74
-6	96	106
-7	99	110
-8	106	101
-9	100	106
-10	100	99

Cell viability



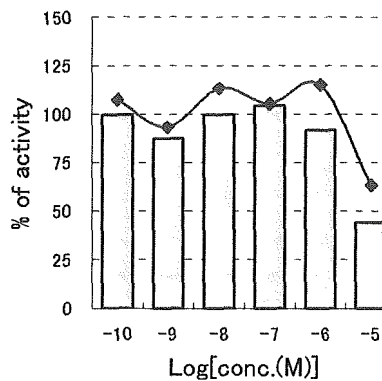
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	-3.7
-6	1.3
-7	2.6
-8	2.2
-9	2.7
-10	2.2
-11	0.8



TRβ-RXR antagonist assay

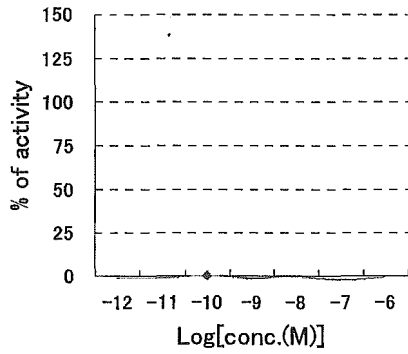
LOG[conc.(M)]	luc	ren
-5	64	44
-6	115	92
-7	106	104
-8	114	99
-9	93	87
-10	107	99



sample No. AT112
 chemical name Imidazole-2-thiol, 1-methyl-
 CAS. 60-56-0

AR agonist assay

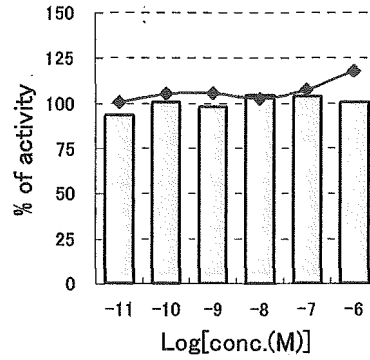
LOG[conc.(M)]	luc
-6	-0.7
-7	-2.1
-8	-0.2
-9	-1.4
-10	0.2
-11	-1.0
-12	-1.0



AR antagonist assay

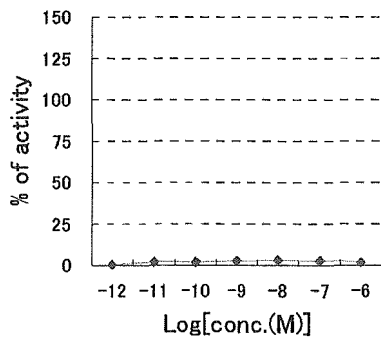
LOG[conc.(M)]	luc	ren
-6	118	101
-7	107	104
-8	103	104
-9	105	98
-10	105	101
-11	101	94

Cell viability



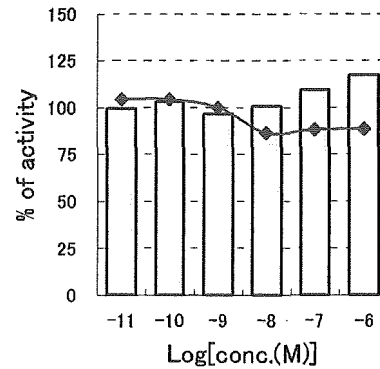
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-6	1.6
-7	2.8
-8	3.2
-9	2.6
-10	1.6
-11	2.2
-12	0.3



TRβ-RXR antagonist assay

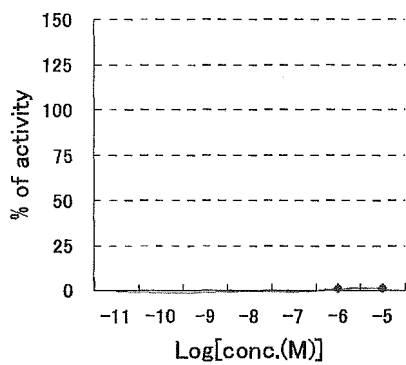
LOG[conc.(M)]	luc	ren
-6	89	117
-7	88	109
-8	86	100
-9	100	96
-10	104	103
-11	104	99



sample No. AT113
 chemical name Uracil, 6-propyl-2-thio-
 CAS. 51-52-5

AR agonist assay

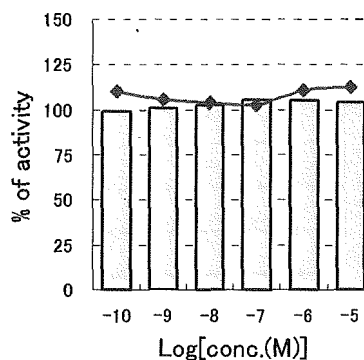
LOG[conc.(M)]	luc
-5	1.1
-6	1.0
-7	-0.9
-8	-0.7
-9	-1.1
-10	-1.6
-11	-1.0



AR antagonist assay

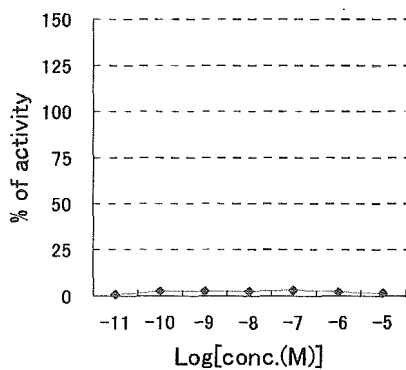
LOG[conc.(M)]	luc	ren
-5	113	104
-6	111	105
-7	103	106
-8	104	102
-9	106	101
-10	110	99

Cell viability



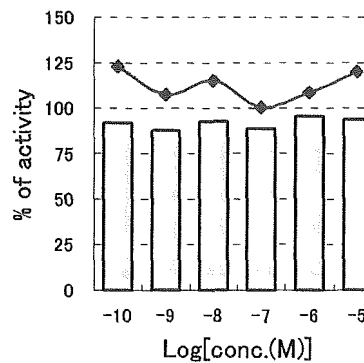
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	1.8
-6	2.5
-7	3.4
-8	2.8
-9	2.7
-10	2.7
-11	1.0



TRβ-RXR antagonist assay

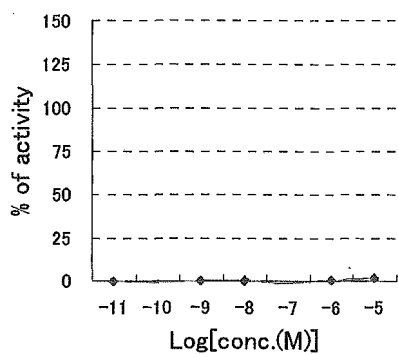
LOG[conc.(M)]	luc	ren
-5	120	93
-6	109	95
-7	101	89
-8	115	92
-9	107	88
-10	123	92



sample No. AT114
 chemical name 3-Amino-s-triazole
 CAS. 61-82-5

AR agonist assay

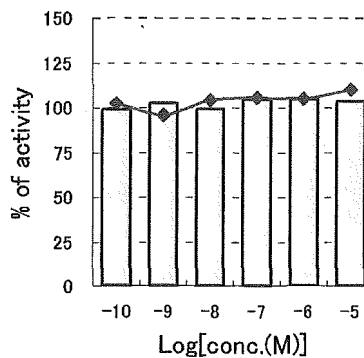
LOG[conc.(M)]	luc
-5	1.5
-6	0.6
-7	-1.1
-8	0.2
-9	0.2
-10	-0.6
-11	-0.1



AR antagonist assay

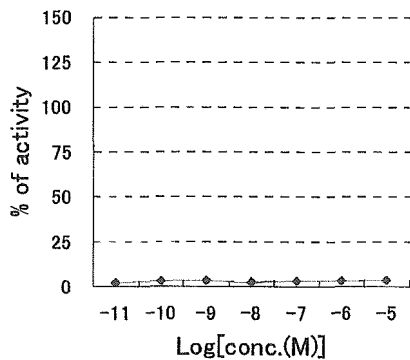
LOG[conc.(M)]	luc	ren
-5	110	104
-6	105	104
-7	106	105
-8	104	99
-9	96	102
-10	102	99

Cell viability



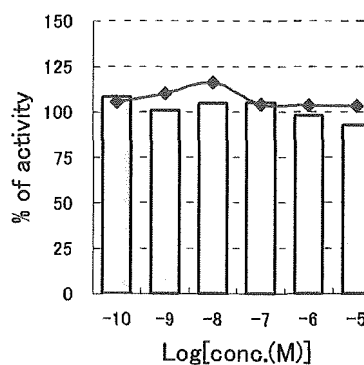
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	3.6
-6	3.1
-7	3.1
-8	2.6
-9	3.5
-10	3.1
-11	2.4



TRβ-RXR antagonist assay

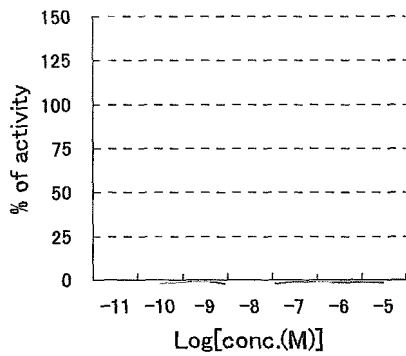
LOG[conc.(M)]	luc	ren
-5	103	92
-6	103	98
-7	104	105
-8	116	104
-9	110	101
-10	106	108



sample No. AT115
 chemical name Pentadecanoic acid, 15-hydroxy-, .xi.-lactone
 CAS. 106-02-5

AR agonist assay

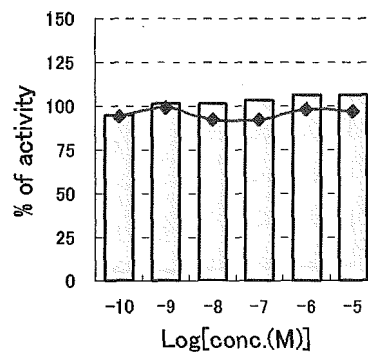
LOG[conc.(M)]	luc
-5	-1.2
-6	-1.2
-7	-0.9
-8	-3.3
-9	-1.1
-10	-1.8
-11	-2.4



AR antagonist assay

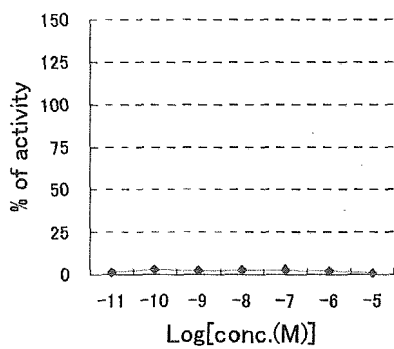
LOG[conc.(M)]	luc	ren
-5	97	106
-6	98	106
-7	92	103
-8	92	101
-9	99	101
-10	94	95

Cell viability



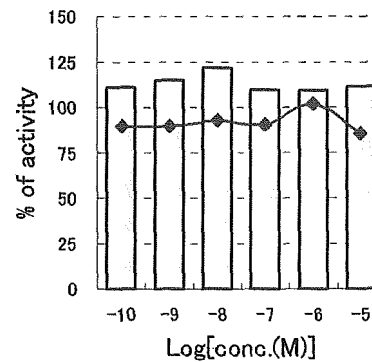
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	0.9
-6	2.0
-7	2.7
-8	2.7
-9	2.2
-10	3.1
-11	1.2



TRβ-RXR antagonist assay

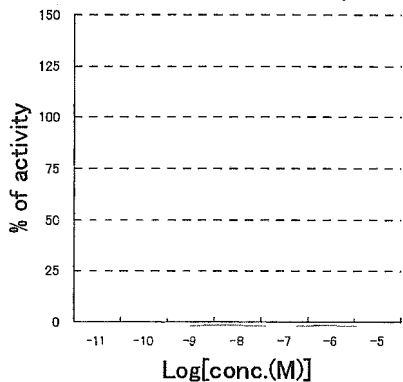
LOG[conc.(M)]	luc	ren
-5	86	111
-6	102	109
-7	91	110
-8	93	122
-9	89	115
-10	89	111



sample No. AT116
 chemical name Morpholine, 4,4'-dithiodi-
 CAS. 103-34-4

AR agonist assay

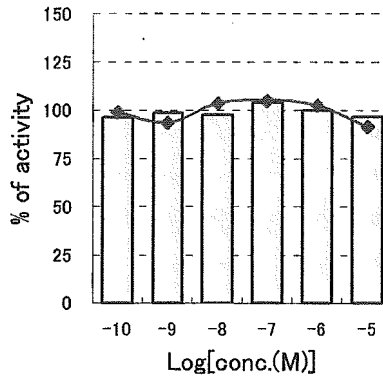
LOG[conc.(M)]	luc
-5	-2.7
-6	-1.5
-7	-2.4
-8	-1.4
-9	-1.7
-10	-1.8
-11	-2.2



AR antagonist assay

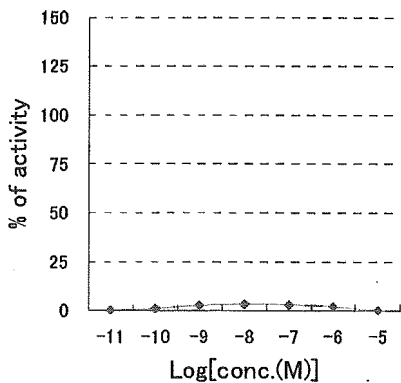
LOG[conc.(M)]	luc	ren
-5	92	97
-6	103	100
-7	105	104
-8	104	98
-9	94	98
-10	99	96

Cell viability



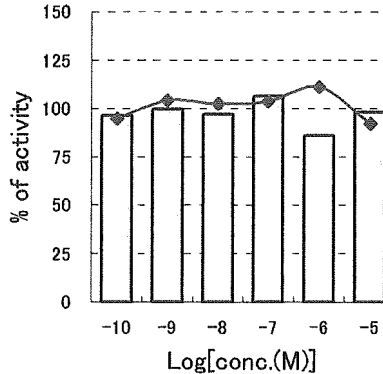
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	0.3
-6	2.3
-7	3.4
-8	3.5
-9	2.8
-10	1.2
-11	0.3



TRβ-RXR antagonist assay

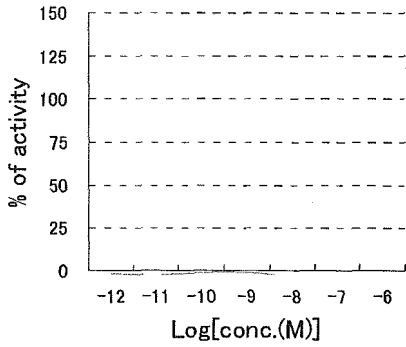
LOG[conc.(M)]	luc	ren
-5	92	98
-6	111	86
-7	104	106
-8	103	97
-9	104	100
-10	95	96



sample No. AT117
 chemical name 7H-Furo(3,2-g)(1)benzopyran-7-one, 9-methoxy-
 CAS. 298-81-7

AR agonist assay

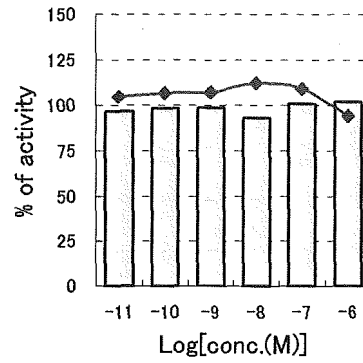
LOG[conc.(M)]	luc
-6	-1.9
-7	-1.9
-8	-2.6
-9	-1.1
-10	-0.9
-11	-2.2
-12	-1.6



AR antagonist assay

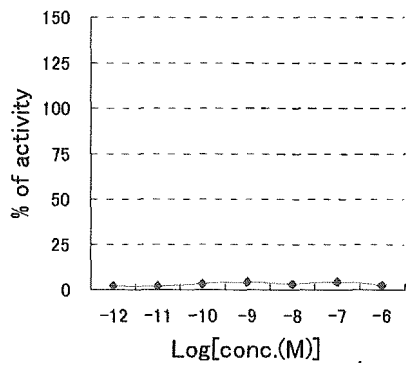
LOG[conc.(M)]	luc	ren
-6	94	102
-7	109	101
-8	112	93
-9	107	99
-10	107	98
-11	105	97

Cell viability



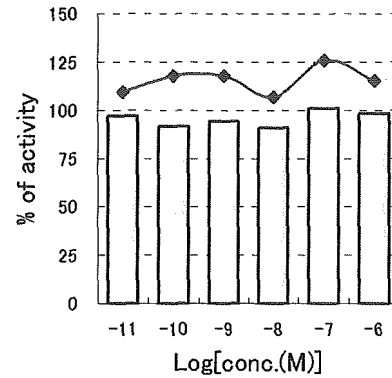
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-6	2.5
-7	4.5
-8	3.2
-9	4.6
-10	3.6
-11	2.2
-12	2.6



TRβ-RXR antagonist assay

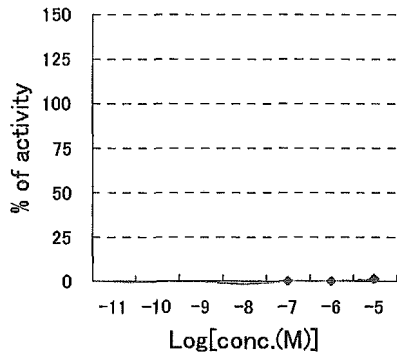
LOG[conc.(M)]	luc	ren
-6	115	98
-7	126	101
-8	107	91
-9	118	94
-10	118	92
-11	110	97



sample No. AT118
 chemical name Fenvalerate
 CAS. 51630-58-1

AR agonist assay

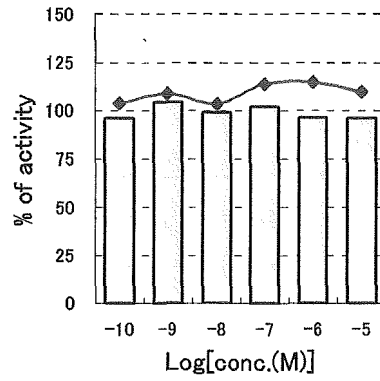
LOG[conc.(M)]	luc
-5	1.3
-6	-0.1
-7	-0.1
-8	-1.6
-9	-0.3
-10	-0.7
-11	-0.2



AR antagonist assay

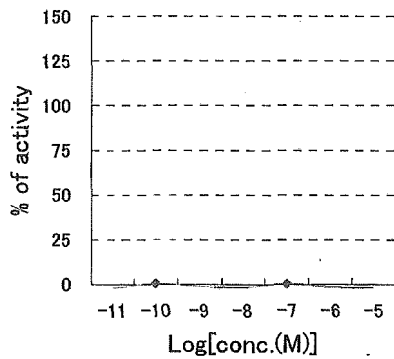
LOG[conc.(M)]	luc	ren
-5	110	96
-6	115	96
-7	114	102
-8	103	99
-9	109	104
-10	104	96

Cell viability



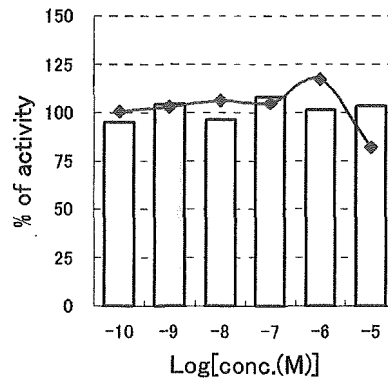
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	-1.3
-6	-1.0
-7	0.6
-8	-1.3
-9	-1.0
-10	0.6
-11	-1.8



TRβ-RXR antagonist assay

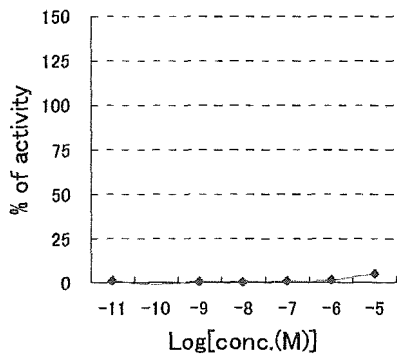
LOG[conc.(M)]	luc	ren
-5	82	103
-6	117	101
-7	105	108
-8	106	96
-9	103	104
-10	101	95



sample No. AT119
 chemical name Anthraquinone, 1,4-dihydroxy-
 CAS. 81-64-1

AR agonist assay

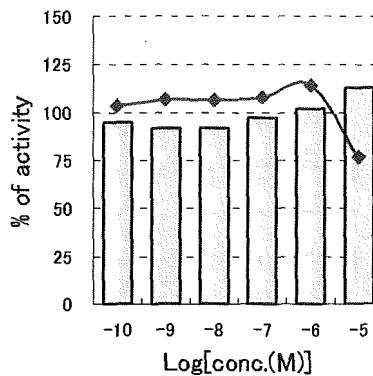
LOG[conc.(M)]	luc
-5	4.8
-6	1.7
-7	0.9
-8	0.5
-9	0.8
-10	-1.1
-11	1.0



AR antagonist assay

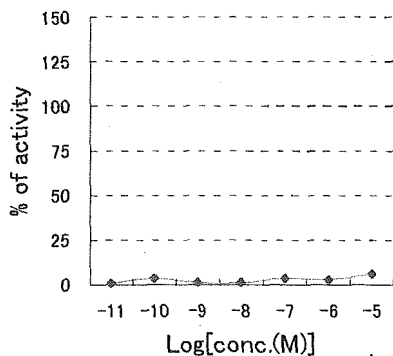
LOG[conc.(M)]	luc	ren
-5	77	113
-6	114	102
-7	108	97
-8	107	92
-9	107	92
-10	104	95

Cell viability



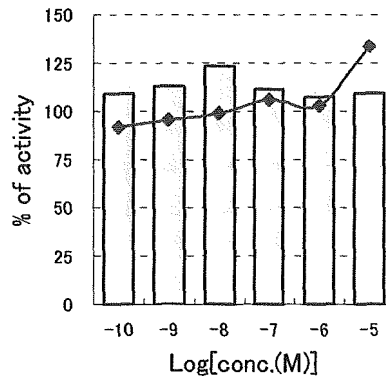
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	6.6
-6	3.4
-7	3.9
-8	1.6
-9	1.5
-10	4.0
-11	1.1



TRβ-RXR antagonist assay

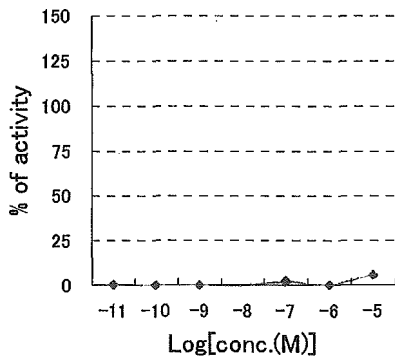
LOG[conc.(M)]	luc	ren
-5	134	109
-6	103	107
-7	106	111
-8	99	123
-9	96	113
-10	92	109



sample No. AT120
 chemical name Phenol, 4,4'-(1-(4-(1-(4-hydroxyphenyl)-1-methylethyl)phenyl)ethylidene)bis-
 CAS. 110726-28-8

AR agonist assay

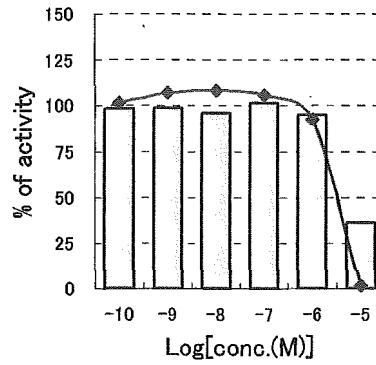
LOG[conc.(M)]	luc
-5	5.4
-6	0.1
-7	2.0
-8	-0.4
-9	0.0
-10	0.0
-11	0.2



AR antagonist assay

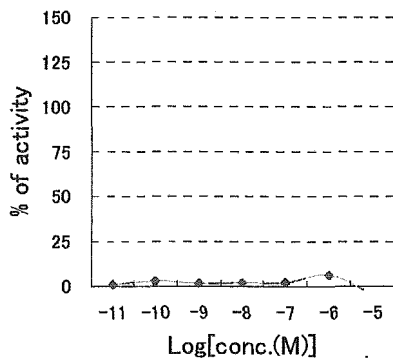
LOG[conc.(M)]	luc	ren
-5	1	36
-6	92	95
-7	106	102
-8	108	96
-9	107	99
-10	102	98

Cell viability



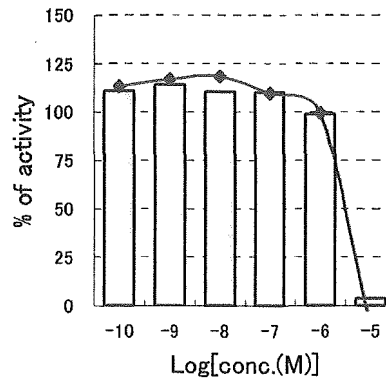
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	-4.3
-6	6.6
-7	2.3
-8	2.3
-9	2.0
-10	3.3
-11	1.4



TRβ-RXR antagonist assay

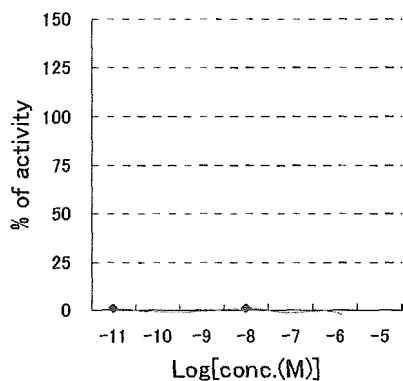
LOG[conc.(M)]	luc	ren
-5	-11	4
-6	99	99
-7	110	110
-8	118	110
-9	117	114
-10	113	111



sample No. AT121
 chemical name 4,4'-THIOBIS(6-TERT-BUTYL-M-CRESOL)
 CAS. 96-69-5

AR agonist assay

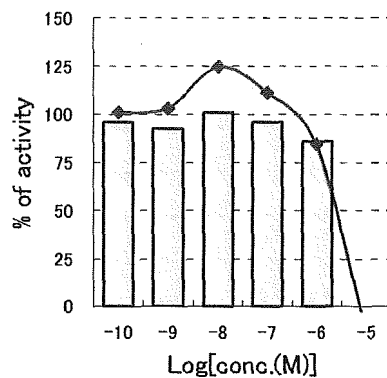
LOG[conc.(M)]	luc
-5	-14.3
-6	-0.8
-7	-1.2
-8	0.9
-9	-0.6
-10	-0.9
-11	0.8



AR antagonist assay

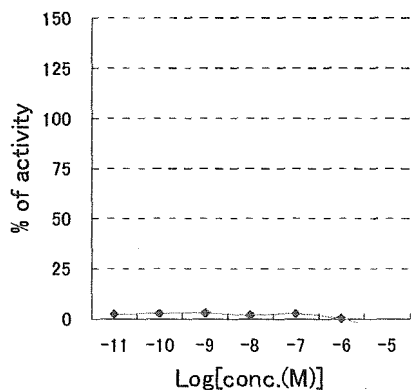
LOG[conc.(M)]	luc	ren
-5	-13	-24
-6	85	86
-7	111	96
-8	124	101
-9	103	92
-10	101	96

Cell viability



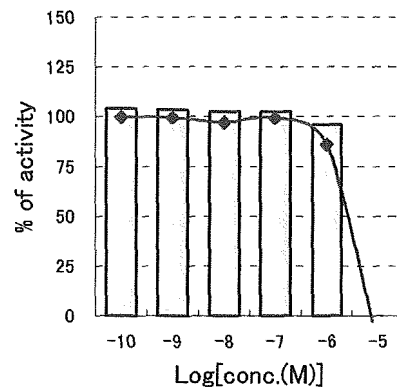
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	-6.5
-6	0.7
-7	2.8
-8	2.1
-9	3.1
-10	2.9
-11	2.5



TRβ-RXR antagonist assay

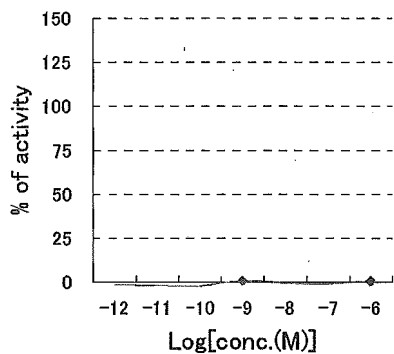
LOG[conc.(M)]	luc	ren
-5	-13	0
-6	86	96
-7	99	102
-8	97	102
-9	99	103
-10	100	104



sample No. AT122
 chemical name TRIPHENYLPHOSPHINE
 CAS. 603-35-0

AR agonist assay

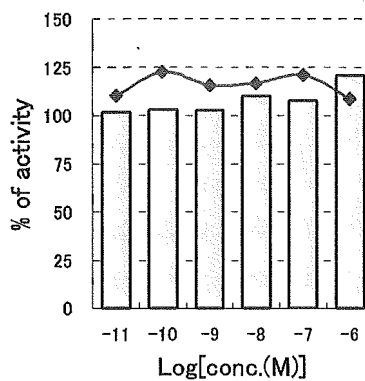
LOG[conc.(M)]	luc
-6	0.5
-7	-0.6
-8	-0.3
-9	1.0
-10	-1.9
-11	-1.6
-12	-1.5



AR antagonist assay

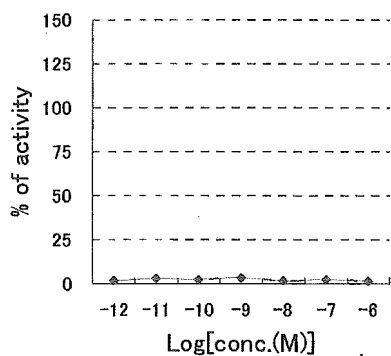
LOG[conc.(M)]	luc	ren
-6	109	121
-7	121	108
-8	117	110
-9	116	103
-10	123	103
-11	110	101

Cell viability



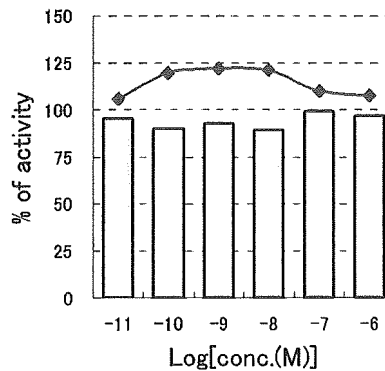
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-6	1.6
-7	2.6
-8	2.0
-9	3.8
-10	2.6
-11	3.2
-12	1.9



TRβ-RXR antagonist assay

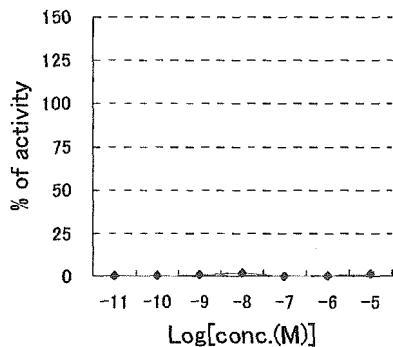
LOG[conc.(M)]	luc	ren
-6	108	97
-7	110	99
-8	121	89
-9	122	93
-10	120	90
-11	106	95



sample No. AT123
 chemical name 2-BUTANONE OXIME
 CAS. 96-29-7

AR agonist assay

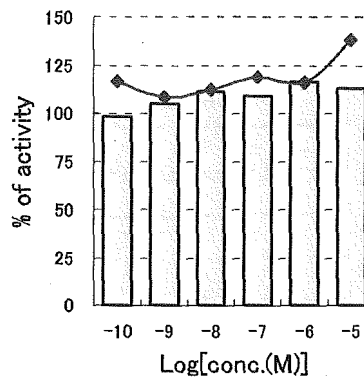
LOG[conc.(M)]	luc
-5	1.4
-6	0.4
-7	0.1
-8	1.8
-9	0.8
-10	0.4
-11	0.2



AR antagonist assay

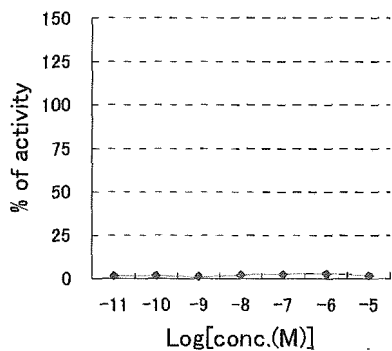
LOG[conc.(M)]	luc	ren
-5	138	113
-6	116	116
-7	119	109
-8	112	111
-9	108	105
-10	117	98

Cell viability



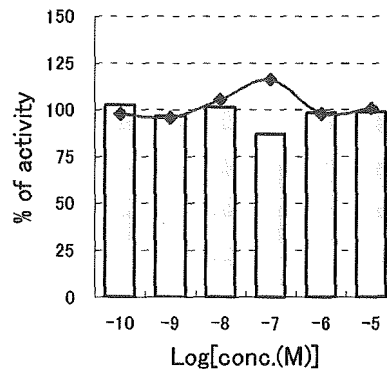
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	1.9
-6	3.0
-7	2.8
-8	2.4
-9	1.3
-10	2.1
-11	1.9



TRβ-RXR antagonist assay

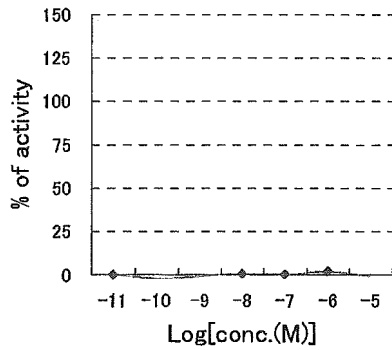
LOG[conc.(M)]	luc	ren
-5	101	99
-6	98	98
-7	116	87
-8	105	102
-9	96	97
-10	98	103



sample No. AT124
 chemical name 2,2'-Stilbenedisulfonic acid, 4,4'-diamino-
 CAS. 81-11-8

AR agonist assay

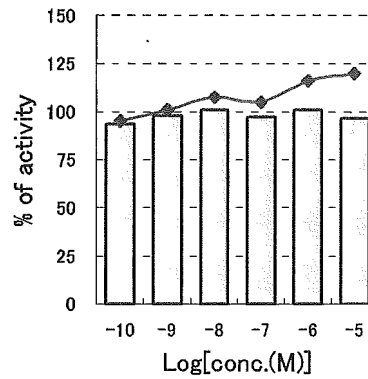
LOG[conc.(M)]	luc
-5	-0.6
-6	2.1
-7	0.5
-8	0.6
-9	-1.0
-10	-2.0
-11	-0.1



AR antagonist assay

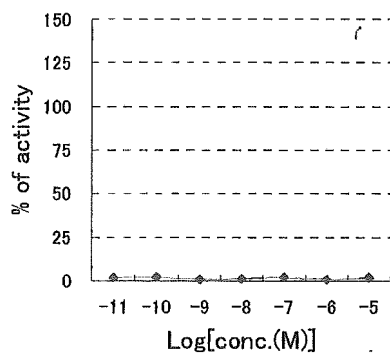
LOG[conc.(M)]	luc	ren
-5	120	96
-6	116	101
-7	105	97
-8	107	101
-9	101	98
-10	95	93

Cell viability



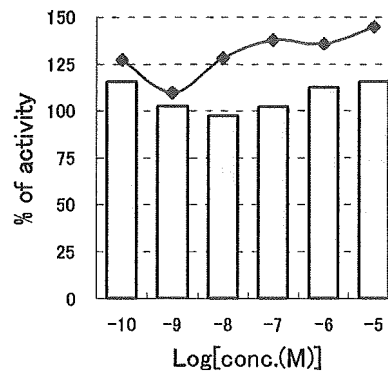
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	2.0
-6	1.0
-7	2.2
-8	1.3
-9	1.2
-10	2.4
-11	2.0



TRβ-RXR antagonist assay

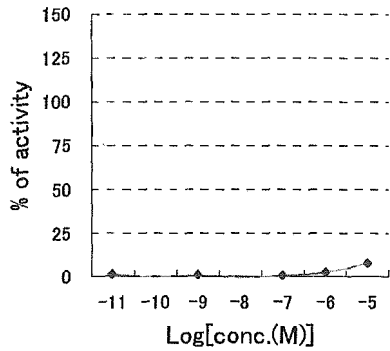
LOG[conc.(M)]	luc	ren
-5	145	116
-6	136	112
-7	138	102
-8	128	97
-9	110	102
-10	127	116



sample No. AT125
 chemical name Isopropyl 4-hydroxybenzoate
 CAS. 4191-73-5

AR agonist assay

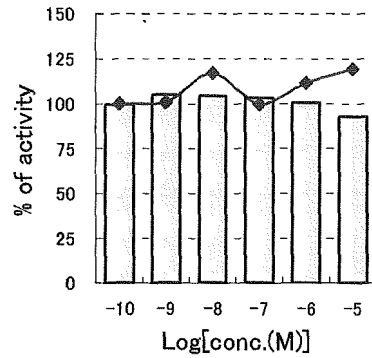
LOG[conc.(M)]	luc
-5	7.6
-6	2.5
-7	0.6
-8	-0.2
-9	1.0
-10	-0.5
-11	1.3



AR antagonist assay

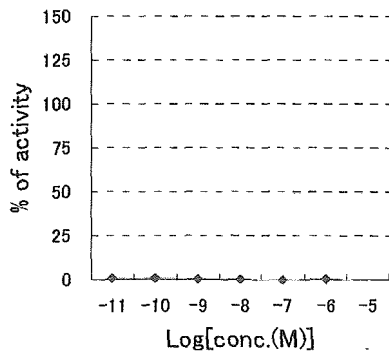
LOG[conc.(M)]	luc	ren
-5	119	93
-6	112	101
-7	100	103
-8	117	104
-9	101	105
-10	100	100

Cell viability



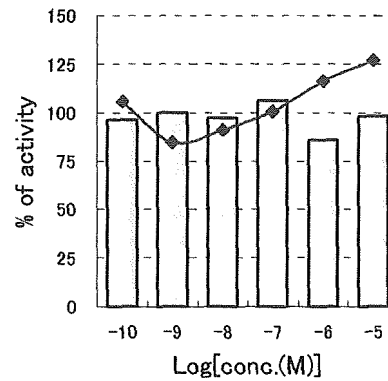
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	-0.5
-6	0.7
-7	0.0
-8	0.2
-9	0.6
-10	1.0
-11	1.0



TRβ-RXR antagonist assay

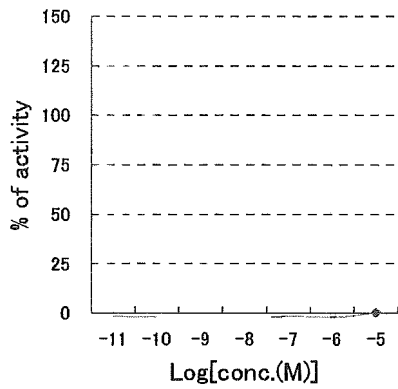
LOG[conc.(M)]	luc	ren
-5	127	98
-6	116	86
-7	101	106
-8	91	97
-9	85	100
-10	106	96



sample No. AT126
 chemical name Benzidine, 2,2',3,3',5,5',6,6'-octafluoro-
 CAS. 1038-66-0

AR agonist assay

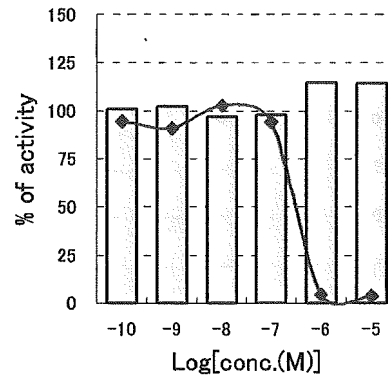
LOG[conc.(M)]	luc
-5	0.2
-6	-2.2
-7	-1.4
-8	-2.8
-9	-1.9
-10	-2.1
-11	-1.4



AR antagonist assay

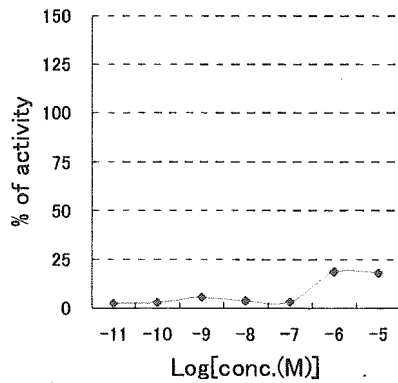
LOG[conc.(M)]	luc	ren
-5	3	114
-6	4	115
-7	94	98
-8	103	97
-9	91	102
-10	94	101

Cell viability



TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	18.1
-6	18.6
-7	3.2
-8	3.8
-9	5.5
-10	3.0
-11	2.7



TRβ-RXR antagonist assay

LOG[conc.(M)]	luc	ren
-5	107	117
-6	170	99
-7	115	101
-8	110	100
-9	100	98
-10	109	102

