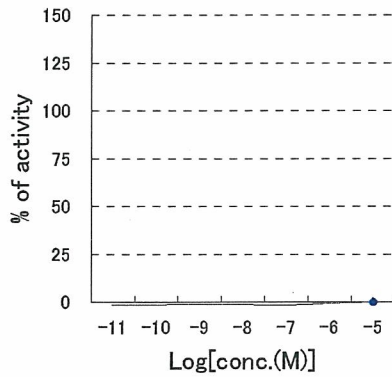


sample No. AT158
 chemical name Methacrylic acid, isopropylidenedi-p-phenylene ester
 CAS. 3253-39-2

AR agonist assay

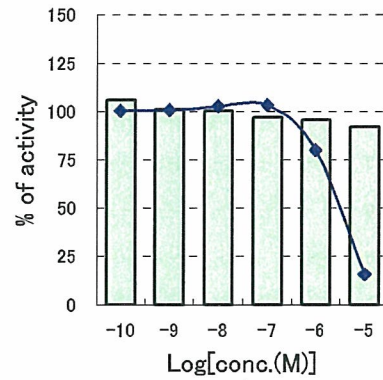
LOG[conc.(M)]	luc
-5	0.1
-6	-0.6
-7	-1.6
-8	-1.2
-9	-1.3
-10	-1.5
-11	-1.5



AR antagonist assay

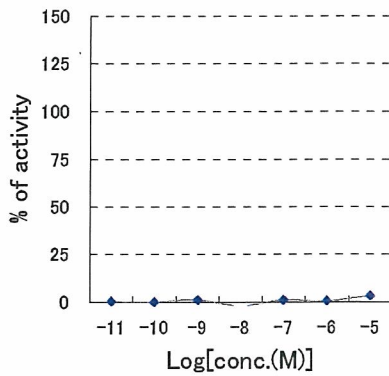
LOG[conc.(M)]	luc	ren
-5	16	92
-6	80	95
-7	103	97
-8	103	100
-9	101	101
-10	100	106

Cell viability



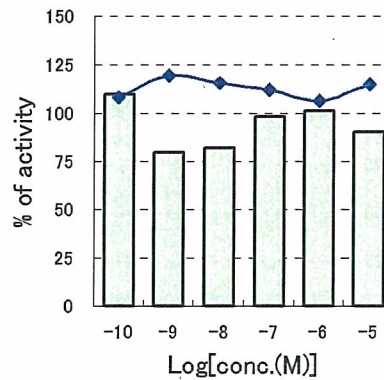
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	3.4
-6	0.7
-7	1.2
-8	-2.1
-9	1.3
-10	0.0
-11	0.3



TRβ-RXR antagonist assay

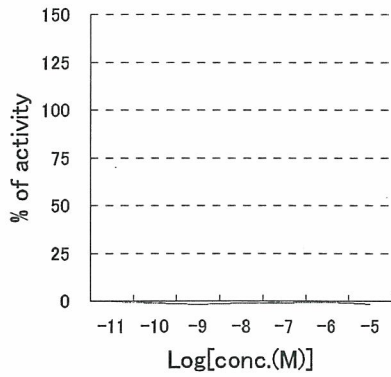
LOG[conc.(M)]	luc	ren
-5	115	90
-6	106	101
-7	112	98
-8	116	82
-9	119	80
-10	108	110



sample No. AT159
 chemical name Bitertanol
 CAS. 55179-31-2

AR agonist assay

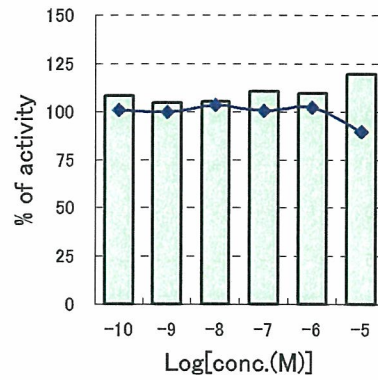
LOG[conc.(M)]	luc
-5	-1.6
-6	-0.7
-7	-0.8
-8	-1.0
-9	-1.5
-10	-0.9
-11	-0.2



AR antagonist assay

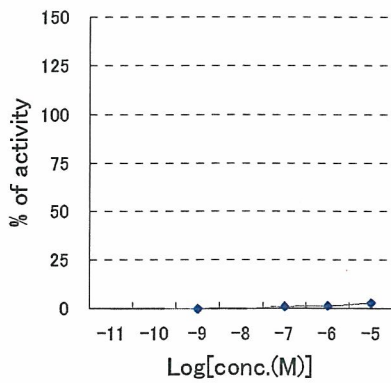
LOG[conc.(M)]	luc	ren
-5	89	120
-6	102	110
-7	100	110
-8	103	105
-9	100	105
-10	101	108

Cell viability



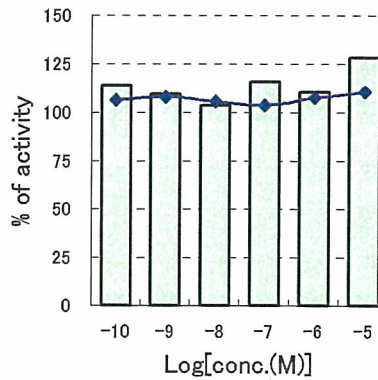
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	3.0
-6	1.5
-7	1.2
-8	-0.2
-9	0.1
-10	-0.2
-11	-0.3



TRβ-RXR antagonist assay

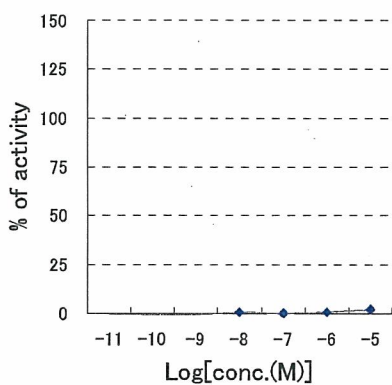
LOG[conc.(M)]	luc	ren
-5	111	128
-6	108	110
-7	104	116
-8	106	104
-9	108	109
-10	106	114



sample No. AT160
 chemical name Taxifolin
 CAS. 480-18-2

AR agonist assay

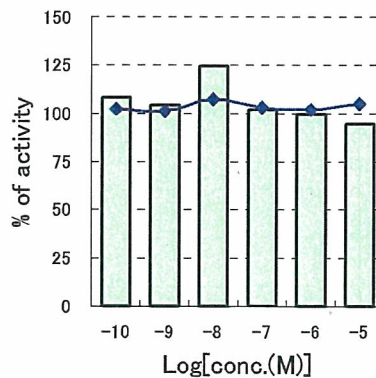
LOG[concentration(M)]	luc
-5	2.0
-6	0.7
-7	0.0
-8	0.7
-9	-0.9
-10	-0.9
-11	-0.4



AR antagonist assay

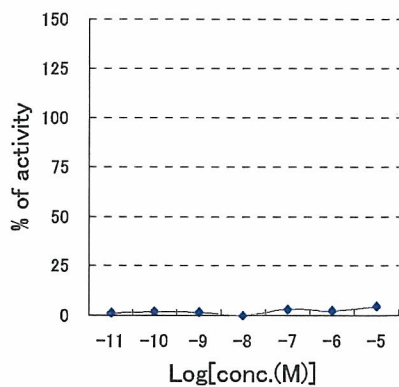
LOG[concentration(M)]	luc	ren
-5	105	95
-6	102	100
-7	103	102
-8	107	125
-9	101	104
-10	102	108

Cell viability



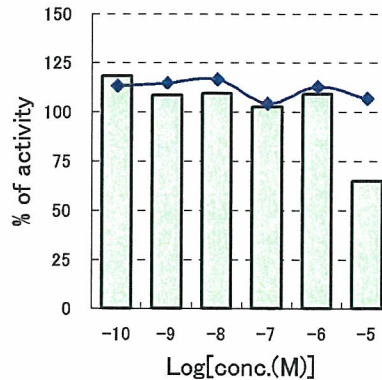
TRβ-RXR agonist assay

LOG[concentration(M)]	luc
-5	4.6
-6	2.4
-7	3.1
-8	-0.1
-9	1.6
-10	2.0
-11	1.3



TRβ-RXR antagonist assay

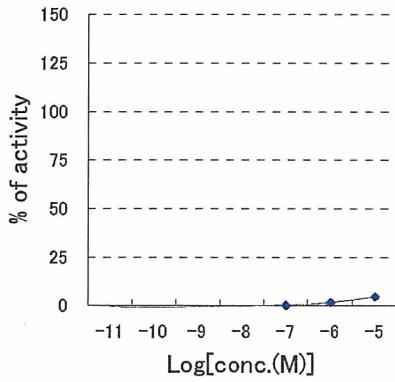
LOG[concentration(M)]	luc	ren
-5	107	65
-6	113	109
-7	104	103
-8	117	110
-9	115	108
-10	113	118



sample No. AT161
 chemical name Quercetin
 CAS. 117-39-5

AR agonist assay

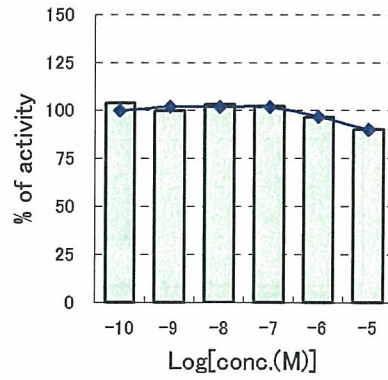
LOG[conc.(M)]	luc
-5	4.7
-6	1.6
-7	0.2
-8	-0.3
-9	-0.6
-10	-1.0
-11	-0.6



AR antagonist assay

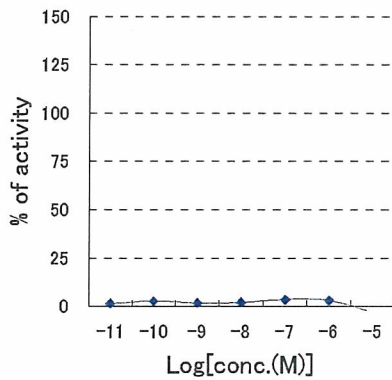
LOG[conc.(M)]	luc	ren
-5	90	90
-6	97	97
-7	102	102
-8	102	103
-9	102	100
-10	100	104

Cell viability



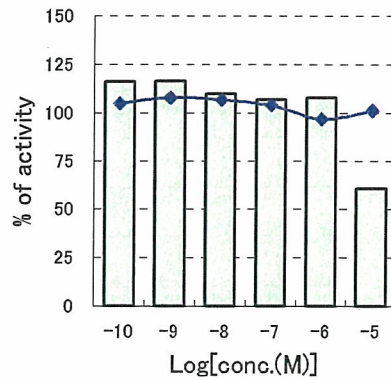
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	-2.9
-6	3.2
-7	3.6
-8	2.0
-9	1.8
-10	2.6
-11	1.4



TRβ-RXR antagonist assay

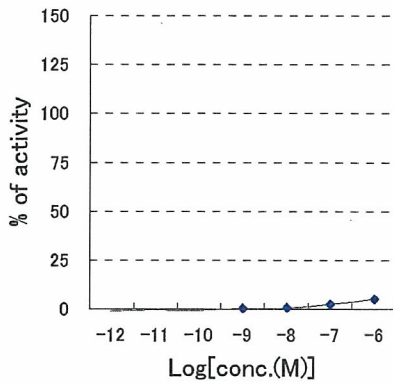
LOG[conc.(M)]	luc	ren
-5	102	61
-6	97	108
-7	104	107
-8	107	110
-9	108	116
-10	105	116



sample No. AT162
 chemical name Indeno 1,2,3-cd pyrene
 CAS. 193-39-5

AR agonist assay

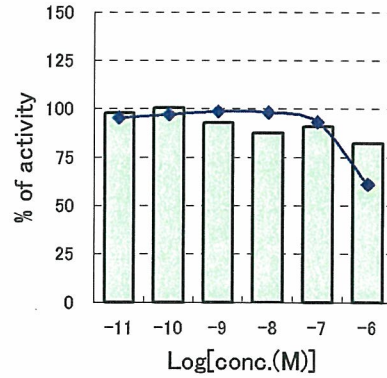
LOG[conc.(M)]	luc
-6	5.3
-7	2.8
-8	0.9
-9	0.6
-10	-0.7
-11	-0.4
-12	-0.9



AR antagonist assay

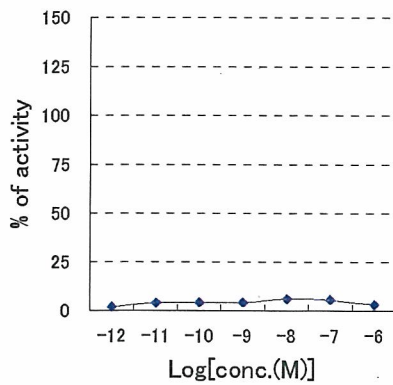
LOG[conc.(M)]	luc	ren
-6	61	82
-7	93	91
-8	98	88
-9	99	93
-10	97	100
-11	95	98

Cell viability



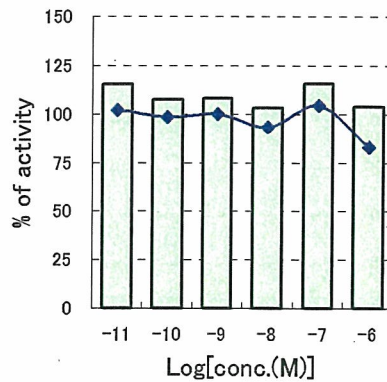
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-6	3.3
-7	5.6
-8	6.2
-9	4.3
-10	4.5
-11	4.1
-12	2.2



TRβ-RXR antagonist assay

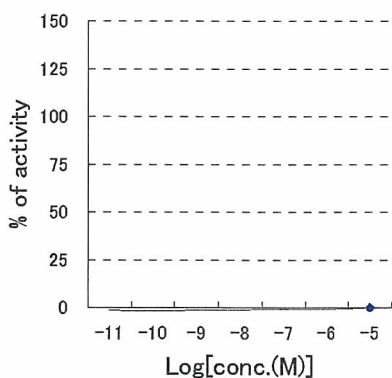
LOG[conc.(M)]	luc	ren
-6	83	104
-7	104	116
-8	93	103
-9	100	108
-10	99	107
-11	102	115



sample No. AT163
 chemical name 4,4'-Diaminobenzanilide
 CAS. 785-30-8

AR agonist assay

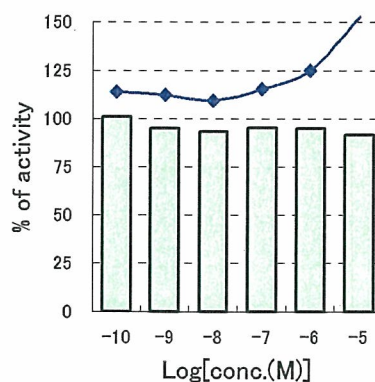
LOG[conc.(M)]	luc
-5	-0.1
-6	-1.0
-7	-0.9
-8	-1.1
-9	-1.1
-10	-1.4
-11	-1.2



AR antagonist assay

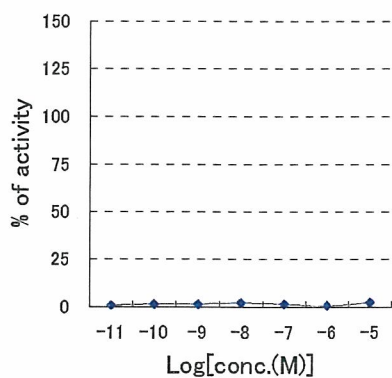
LOG[conc.(M)]	luc	ren
-5	153	92
-6	125	95
-7	115	95
-8	109	93
-9	112	95
-10	114	101

Cell viability



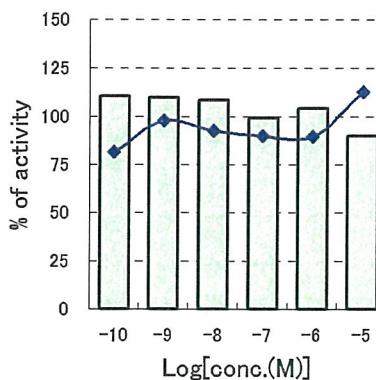
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	2.3
-6	0.5
-7	1.6
-8	2.0
-9	1.4
-10	1.5
-11	0.9



TRβ-RXR antagonist assay

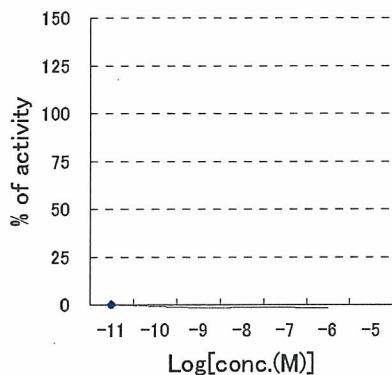
LOG[conc.(M)]	luc	ren
-5	113	90
-6	89	104
-7	90	99
-8	93	109
-9	98	110
-10	82	110



sample No. AT164
 chemical name Gemfibrozil
 CAS. 25812-30-0

AR agonist assay

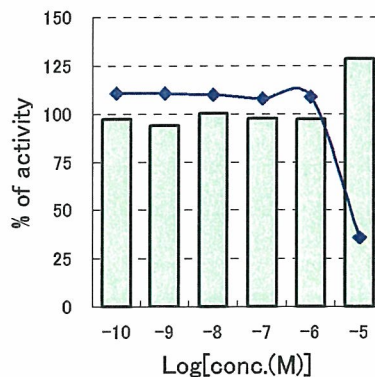
LOG[conc.(M)]	luc
-5	-2.7
-6	-1.7
-7	-1.1
-8	-1.2
-9	-1.4
-10	-1.0
-11	0.1



AR antagonist assay

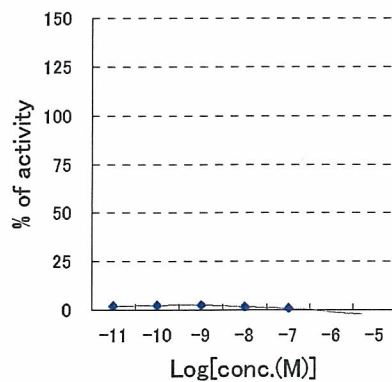
LOG[conc.(M)]	luc	ren
-5	36	128
-6	109	97
-7	108	97
-8	110	100
-9	110	94
-10	110	97

Cell viability



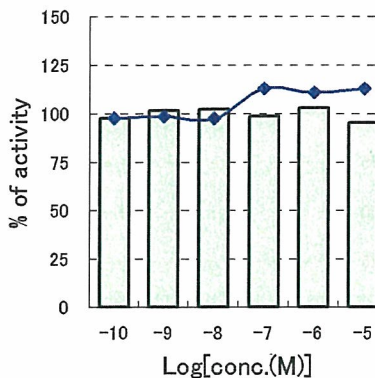
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	-2.7
-6	-0.8
-7	1.2
-8	1.7
-9	2.7
-10	2.4
-11	2.0



TRβ-RXR antagonist assay

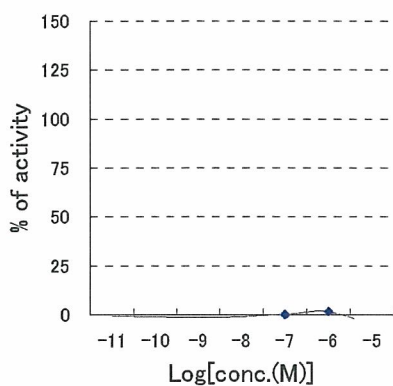
LOG[conc.(M)]	luc	ren
-5	113	95
-6	111	103
-7	113	99
-8	98	102
-9	99	101
-10	98	98



sample No. AT165
 chemical name p-Benzoquinone, 2,5-diphenyl-
 CAS. 844-51-9

AR agonist assay

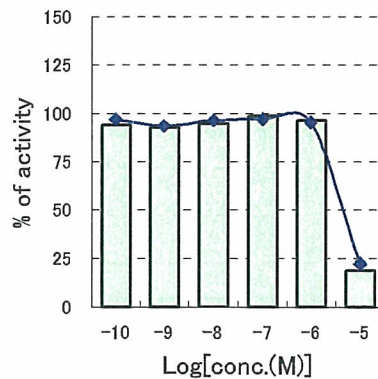
LOG[conc.(M)]	luc
-5	-5.2
-6	1.8
-7	0.4
-8	-0.8
-9	-1.3
-10	-0.9
-11	-0.7



AR antagonist assay

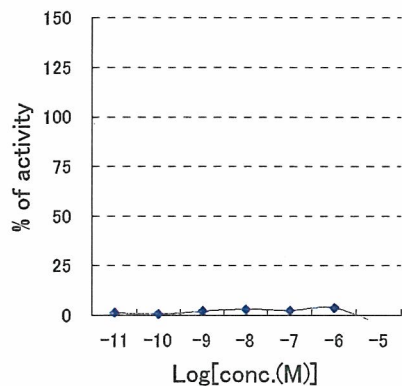
LOG[conc.(M)]	luc	ren
-5	22	19
-6	95	96
-7	97	98
-8	96	95
-9	93	92
-10	97	94

Cell viability



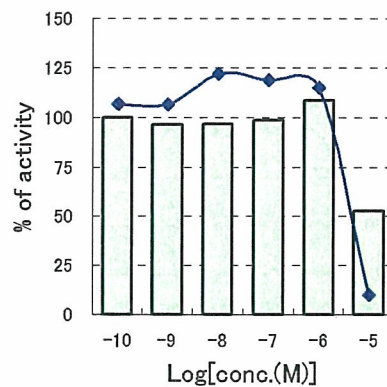
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	4.4
-6	3.7
-7	2.5
-8	3.2
-9	2.4
-10	0.9
-11	1.3



TRβ-RXR antagonist assay

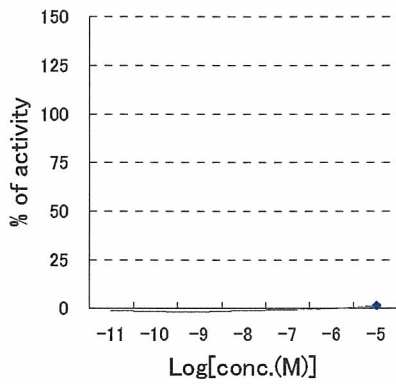
LOG[conc.(M)]	luc	ren
-5	10	53
-6	115	109
-7	119	99
-8	122	97
-9	107	96
-10	107	100



sample No. AT166
 chemical name Gemfibrozil
 CAS. 25812-30-0

AR agonist assay

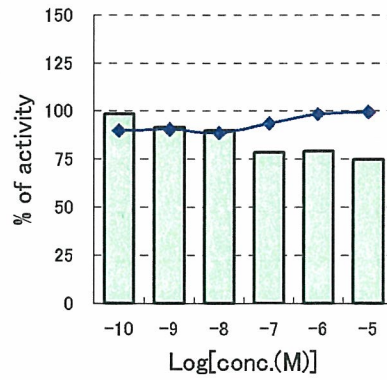
LOG[conc.(M)]	luc
-5	1.5
-6	-0.2
-7	-0.9
-8	-1.1
-9	-1.7
-10	-1.5
-11	-1.1



AR antagonist assay

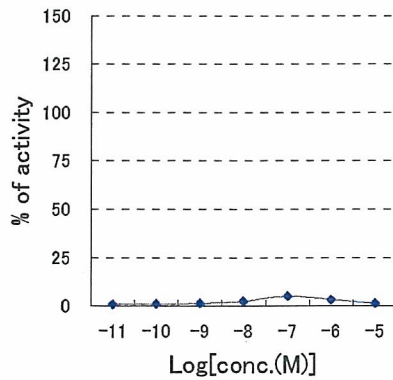
LOG[conc.(M)]	luc	ren
-5	100	75
-6	98	79
-7	94	78
-8	89	90
-9	90	91
-10	90	98

Cell viability



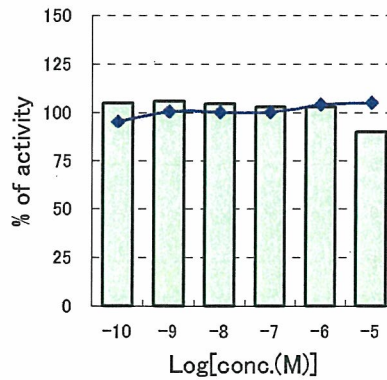
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	1.6
-6	3.4
-7	5.0
-8	2.5
-9	1.5
-10	1.2
-11	0.8



TRβ-RXR antagonist assay

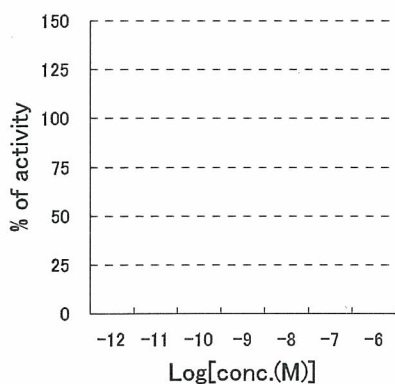
LOG[conc.(M)]	luc	ren
-5	105	90
-6	104	103
-7	100	103
-8	100	104
-9	101	106
-10	95	105



sample No. AT167
 chemical name S-Bioallethrin
 CAS. 28434-00-6

AR agonist assay

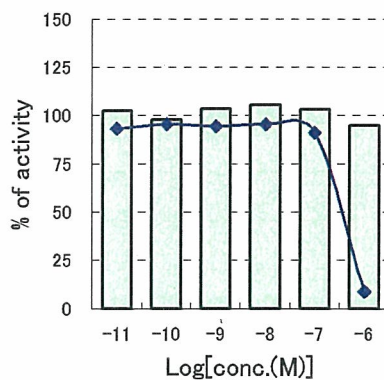
LOG[conc.(M)]	luc
-6	-7.7
-7	-4.3
-8	-3.2
-9	-2.6
-10	-2.6
-11	-2.5
-12	-1.6



AR antagonist assay

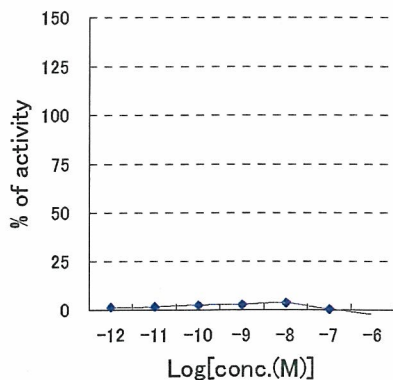
LOG[conc.(M)]	luc	ren
-6	9	95
-7	91	103
-8	95	105
-9	94	103
-10	95	98
-11	93	103

Cell viability



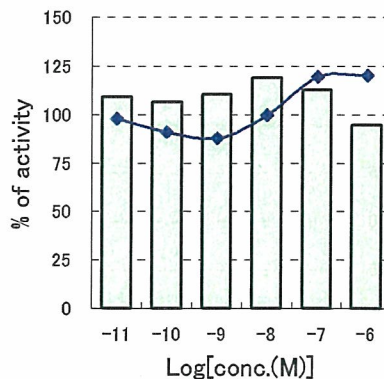
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-6	-2.5
-7	0.7
-8	3.9
-9	2.9
-10	2.7
-11	1.8
-12	1.4



TRβ-RXR antagonist assay

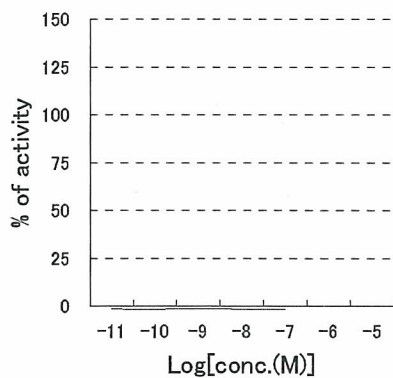
LOG[conc.(M)]	luc	ren
-6	120	95
-7	120	113
-8	100	119
-9	88	110
-10	91	106
-11	98	109



sample No. AT168
 chemical name Bioresmethrin
 CAS. 28434-01-7

AR agonist assay

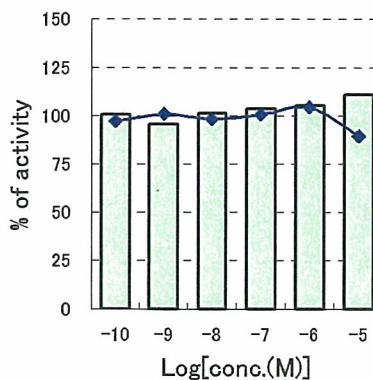
LOG[conc.(M)]	luc
-5	-1.7
-6	-2.2
-7	-1.8
-8	-1.6
-9	-1.2
-10	-1.5
-11	-1.2



AR antagonist assay

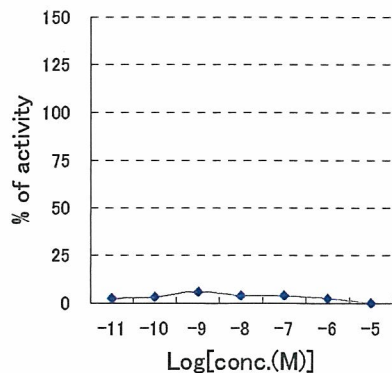
LOG[conc.(M)]	luc	ren
-5	89	111
-6	104	105
-7	101	104
-8	98	101
-9	101	96
-10	97	101

Cell viability



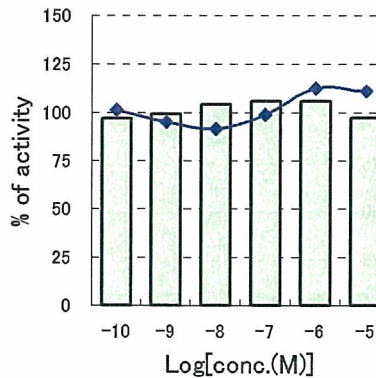
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	0.0
-6	2.4
-7	4.1
-8	4.0
-9	6.1
-10	3.3
-11	2.8



TRβ-RXR antagonist assay

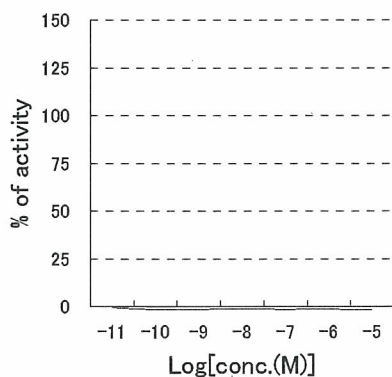
LOG[conc.(M)]	luc	ren
-5	111	97
-6	112	106
-7	99	106
-8	92	104
-9	95	99
-10	101	97



sample No. AT169
 chemical name Tetramethrin
 CAS. 7696-12-0

AR agonist assay

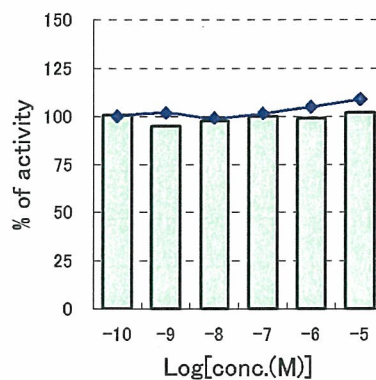
LOG[conc.(M)]	luc
-5	-1.8
-6	-1.3
-7	-1.4
-8	-1.3
-9	-1.6
-10	-1.5
-11	-0.7



AR antagonist assay

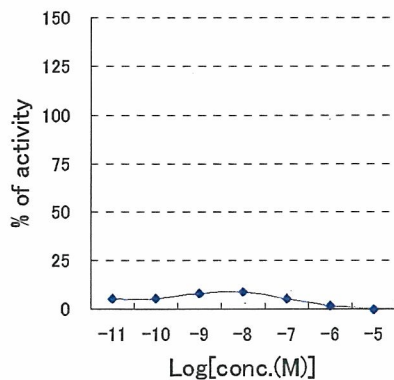
LOG[conc.(M)]	luc	ren
-5	109	102
-6	105	99
-7	101	100
-8	99	97
-9	102	95
-10	100	100

Cell viability



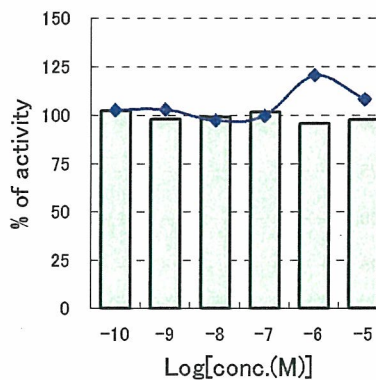
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	0.1
-6	1.7
-7	5.4
-8	8.8
-9	8.0
-10	5.3
-11	5.4



TRβ-RXR antagonist assay

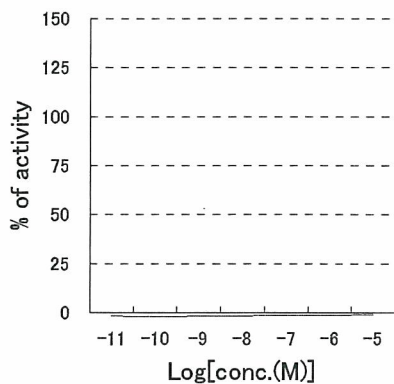
LOG[conc.(M)]	luc	ren
-5	108	98
-6	121	96
-7	100	102
-8	97	99
-9	103	98
-10	103	102



sample No. AT170
 chemical name 4,4'-Thiodianiline
 CAS. 139-65-1

AR agonist assay

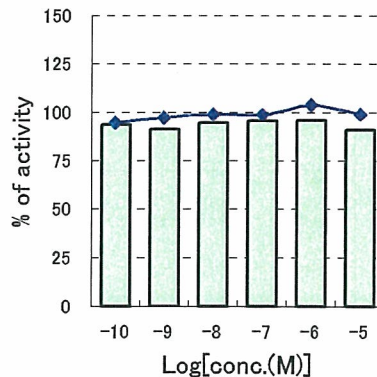
LOG[conc.(M)]	luc
-5	-0.8
-6	-1.1
-7	-1.1
-8	-1.5
-9	-1.4
-10	-1.7
-11	-1.6



AR antagonist assay

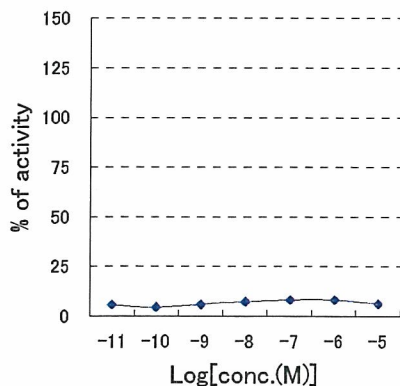
LOG[conc.(M)]	luc	ren
-5	99	91
-6	104	96
-7	99	95
-8	99	95
-9	97	91
-10	95	93

Cell viability



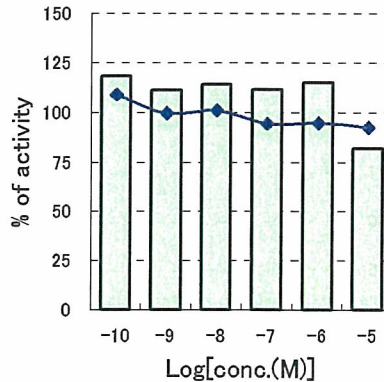
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	6.2
-6	8.3
-7	8.5
-8	7.5
-9	6.0
-10	4.7
-11	5.7



TRβ-RXR antagonist assay

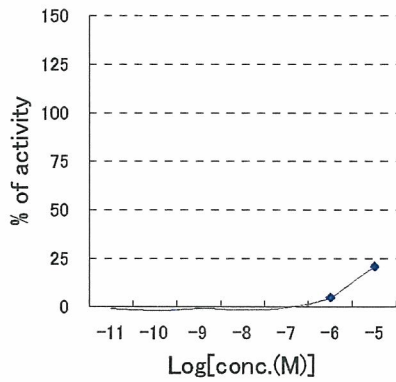
LOG[conc.(M)]	luc	ren
-5	92	82
-6	95	115
-7	95	112
-8	101	114
-9	100	111
-10	109	119



sample No. AT171
 chemical name Benzylparaben
 CAS. 94-18-8

AR agonist assay

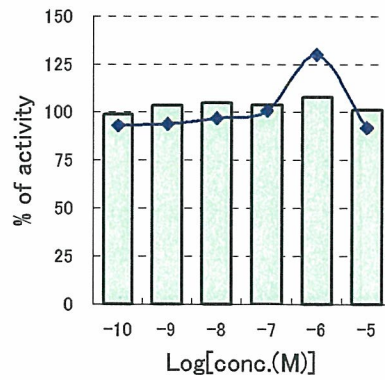
LOG[concentration(M)]	luc
-5	20.6
-6	4.8
-7	-0.5
-8	-1.6
-9	-0.7
-10	-1.6
-11	-0.8



AR antagonist assay

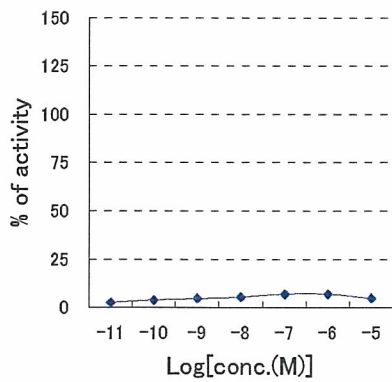
LOG[concentration(M)]	luc	ren
-5	92	101
-6	130	108
-7	101	104
-8	97	105
-9	94	104
-10	93	99

Cell viability



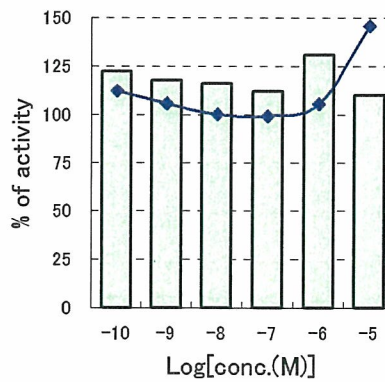
TRβ-RXR agonist assay

LOG[concentration(M)]	luc
-5	4.8
-6	6.8
-7	6.8
-8	5.4
-9	4.6
-10	4.0
-11	2.6



TRβ-RXR antagonist assay

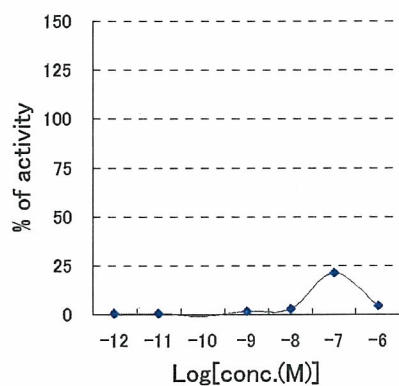
LOG[concentration(M)]	luc	ren
-5	146	110
-6	106	131
-7	99	112
-8	100	116
-9	106	118
-10	112	122



sample No. AT172
 chemical name Anisindione
 CAS. 117-37-3

AR agonist assay

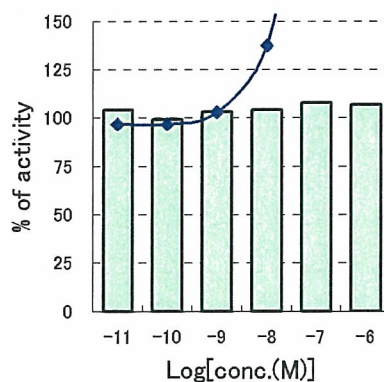
LOG[conc.(M)]	luc
-6	4.7
-7	21.5
-8	2.9
-9	1.7
-10	-1.0
-11	0.7
-12	0.6



AR antagonist assay

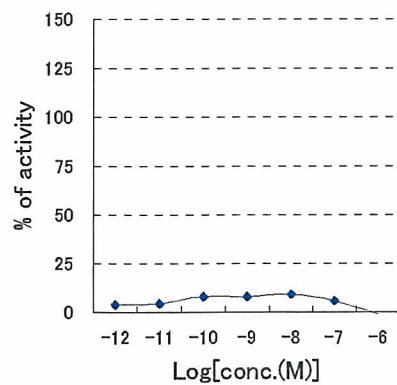
LOG[conc.(M)]	luc	ren
-6	268	107
-7	251	108
-8	137	104
-9	103	103
-10	97	99
-11	97	104

Cell viability



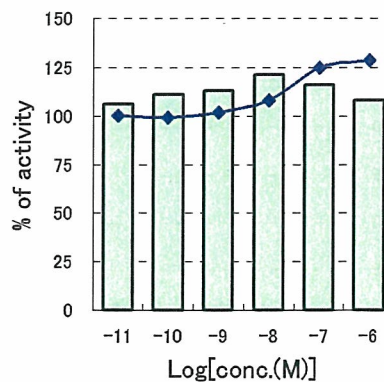
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-6	-0.9
-7	6.0
-8	9.1
-9	8.0
-10	7.9
-11	4.5
-12	3.8



TRβ-RXR antagonist assay

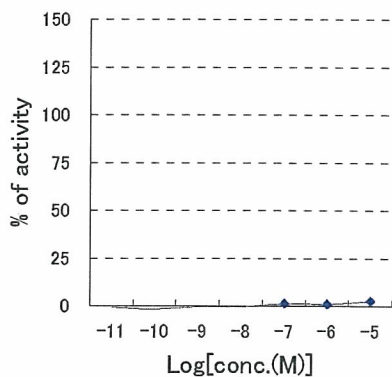
LOG[conc.(M)]	luc	ren
-6	129	108
-7	125	116
-8	108	121
-9	102	113
-10	99	111
-11	100	106



sample No. AT173
 chemical name Sulfamethoxazole
 CAS. 723-46-6

AR agonist assay

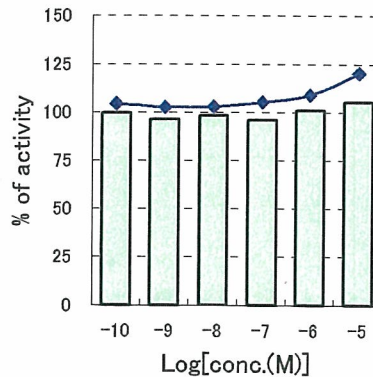
LOG[conc.(M)]	luc
-5	2.8
-6	1.3
-7	1.5
-8	-0.3
-9	-0.4
-10	-1.5
-11	-0.6



AR antagonist assay

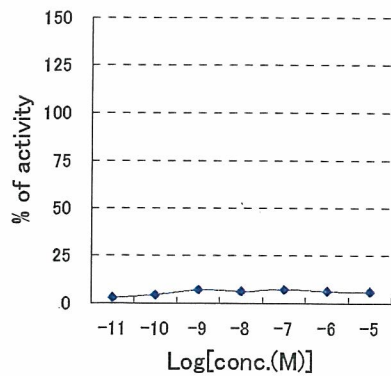
LOG[conc.(M)]	luc	ren
-5	120	105
-6	109	101
-7	105	96
-8	103	98
-9	103	96
-10	104	100

Cell viability



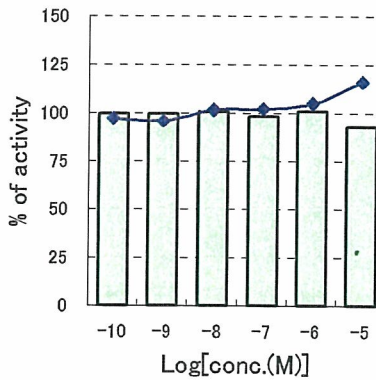
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	6.0
-6	6.4
-7	7.2
-8	6.3
-9	7.1
-10	4.4
-11	2.9



TRβ-RXR antagonist assay

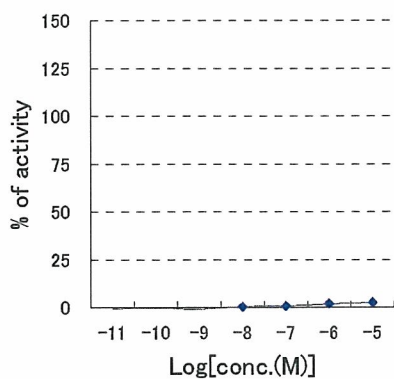
LOG[conc.(M)]	luc	ren
-5	116	93
-6	105	101
-7	102	98
-8	102	101
-9	96	99
-10	97	100



sample No. AT174
 chemical name Carbamazepine
 CAS. 298-46-4

AR agonist assay

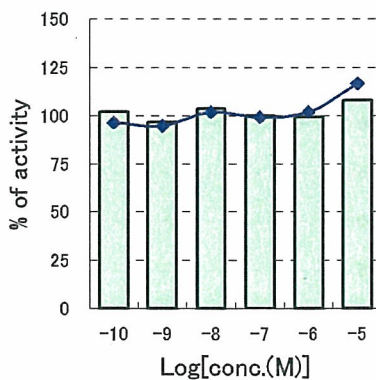
LOG[conc.(M)]	luc
-5	2.4
-6	1.8
-7	0.5
-8	0.2
-9	-0.9
-10	-0.2
-11	-0.6



AR antagonist assay

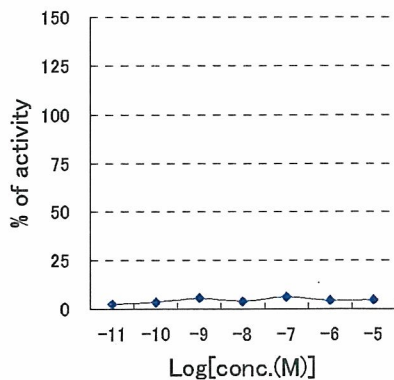
LOG[conc.(M)]	luc	ren
-5	116	108
-6	102	99
-7	99	100
-8	102	103
-9	95	96
-10	96	102

Cell viability



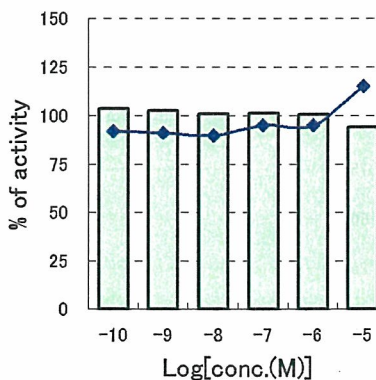
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	4.7
-6	4.4
-7	6.1
-8	3.9
-9	5.7
-10	3.5
-11	2.5



TRβ-RXR antagonist assay

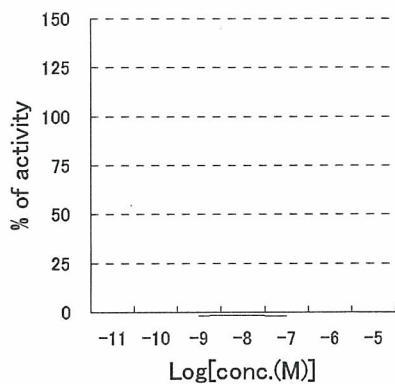
LOG[conc.(M)]	luc	ren
-5	115	94
-6	95	101
-7	95	101
-8	90	101
-9	91	103
-10	92	104



sample No. AT175
 chemical name Precocene I
 CAS. 17598-02-6

AR agonist assay

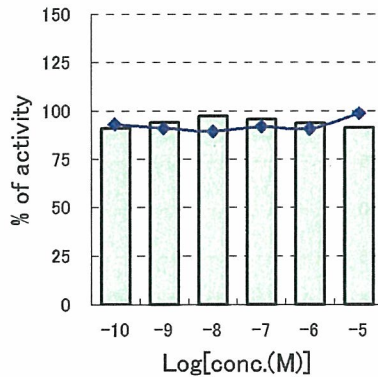
LOG[conc.(M)]	luc
-5	-1.9
-6	-2.4
-7	-1.8
-8	-1.4
-9	-1.7
-10	-1.7
-11	-1.6



AR antagonist assay

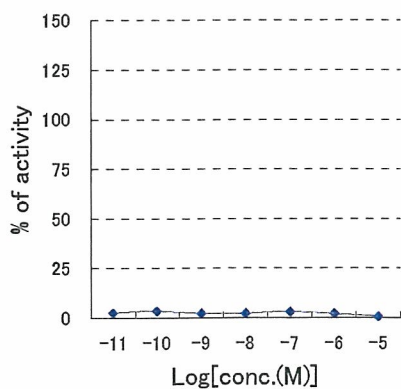
LOG[conc.(M)]	luc	ren
-5	99	91
-6	91	93
-7	92	96
-8	89	97
-9	91	94
-10	93	91

Cell viability



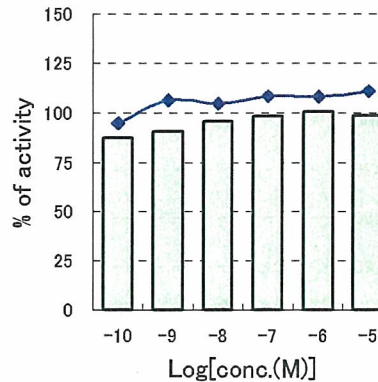
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	0.9
-6	2.4
-7	3.2
-8	2.4
-9	2.4
-10	3.3
-11	2.7



TRβ-RXR antagonist assay

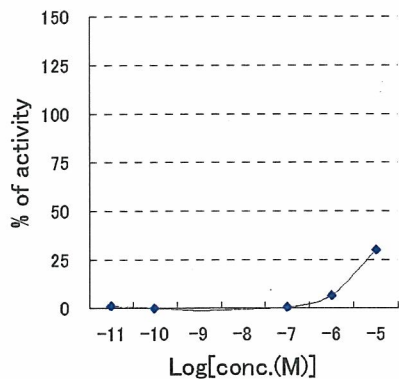
LOG[conc.(M)]	luc	ren
-5	111	99
-6	108	101
-7	109	98
-8	105	96
-9	107	90
-10	95	87



sample No. AT176
 chemical name Anthraflavic acid
 CAS. 84-60-6

AR agonist assay

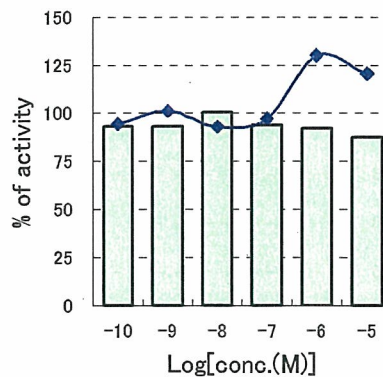
LOG[conc.(M)]	luc
-5	29.9
-6	6.4
-7	0.6
-8	-0.7
-9	-1.2
-10	0.1
-11	1.3



AR antagonist assay

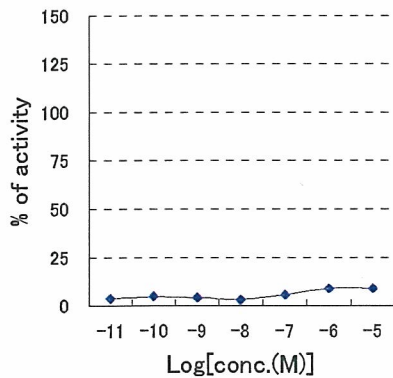
LOG[conc.(M)]	luc	ren
-5	120	88
-6	130	92
-7	97	94
-8	93	100
-9	101	93
-10	94	93

Cell viability



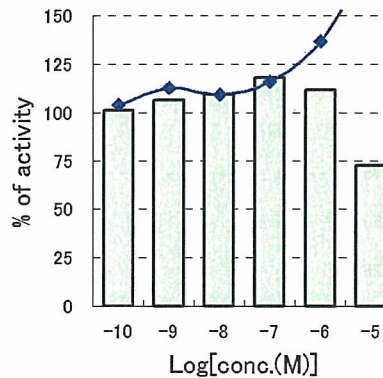
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	9.0
-6	8.9
-7	5.8
-8	3.3
-9	4.5
-10	5.0
-11	3.9



TRβ-RXR antagonist assay

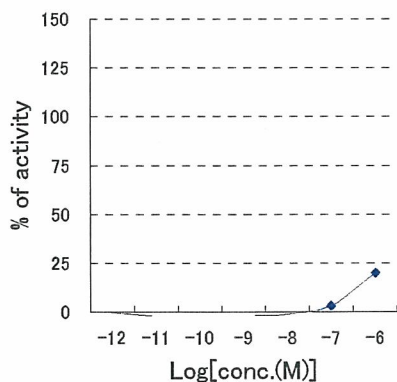
LOG[conc.(M)]	luc	ren
-5	181	73
-6	137	112
-7	116	118
-8	109	109
-9	113	107
-10	104	101



sample No. AT177
 chemical name Benzoic acid, p-hydroxy-, isopentyl ester
 CAS. 6521-30-8

AR agonist assay

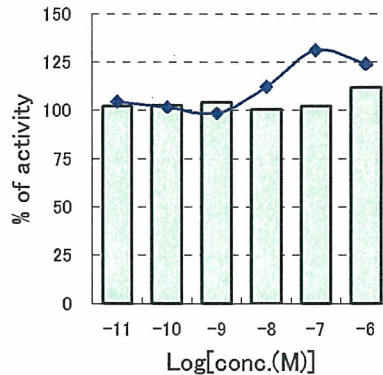
LOG[conc.(M)]	luc
-6	20.1
-7	3.2
-8	-1.1
-9	-2.0
-10	-2.2
-11	-2.1
-12	-0.3



AR antagonist assay

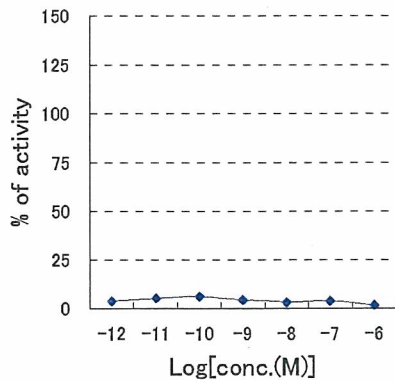
LOG[conc.(M)]	luc	ren
-6	124	112
-7	131	102
-8	112	101
-9	98	104
-10	101	103
-11	105	102

Cell viability



TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-6	1.8
-7	3.8
-8	3.1
-9	4.5
-10	6.0
-11	5.1
-12	3.8



TRβ-RXR antagonist assay

LOG[conc.(M)]	luc	ren
-6	119	96
-7	126	113
-8	115	113
-9	112	104
-10	118	101
-11	102	100

