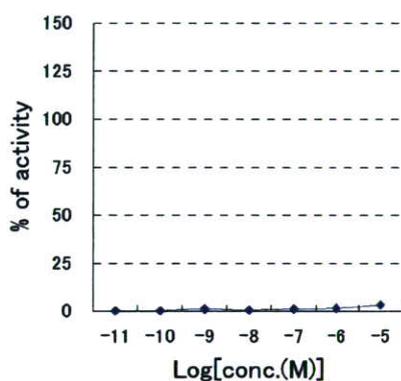


sample No. AT214
 chemical name dicyclopenteneoxyethyl methacrylate
 CAS. 68586-19-6

AR agonist assay

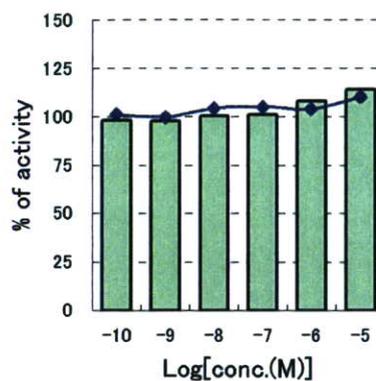
LOG[conc.(M)]	luc
-5	3.2
-6	1.6
-7	1.1
-8	0.7
-9	1.2
-10	0.4
-11	0.4



AR antagonist assay

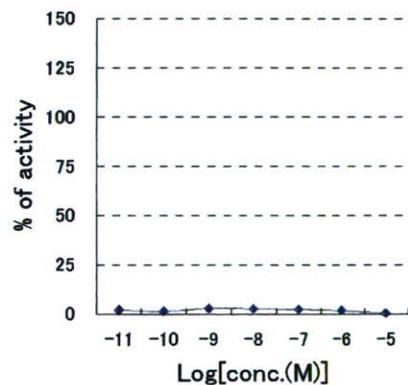
LOG[conc.(M)]	luc	ren
-5	110	114
-6	104	108
-7	105	101
-8	104	101
-9	100	98
-10	101	98

Cell viability



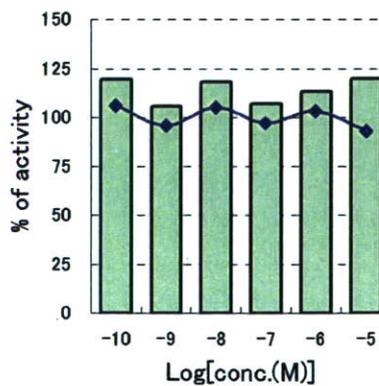
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	0.5
-6	1.9
-7	2.5
-8	2.9
-9	3.2
-10	1.8
-11	2.2



TRβ-RXR antagonist assay

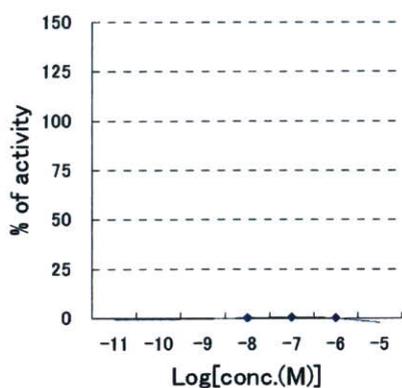
LOG[conc.(M)]	luc	ren
-5	93	119
-6	103	113
-7	97	107
-8	105	118
-9	96	106
-10	106	119



sample No. AT215
 chemical name 2,4,5,7-tetranitro-9-(4-octyloxy-benzylidene)-9h-fluorene
 CAS. NA

AR agonist assay

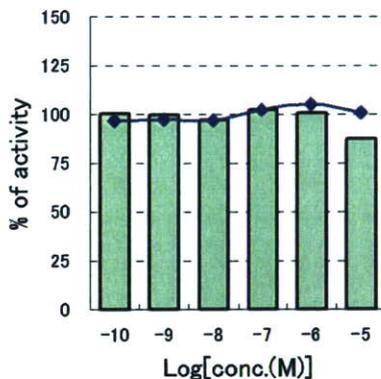
LOG[conc.(M)]	luc
-5	-2.0
-6	0.4
-7	0.6
-8	0.2
-9	-0.2
-10	-0.5
-11	-0.6



AR antagonist assay

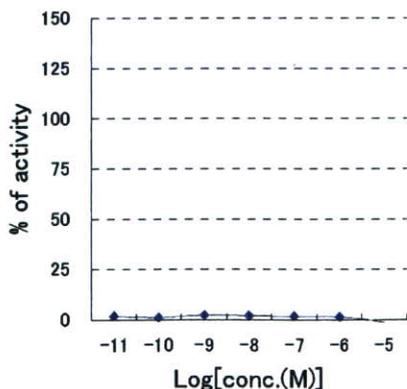
LOG[conc.(M)]	luc	ren
-5	101	88
-6	106	101
-7	102	102
-8	97	97
-9	97	100
-10	97	101

Cell viability



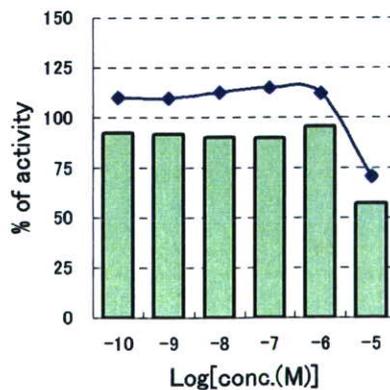
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	-1.2
-6	1.8
-7	2.1
-8	2.2
-9	2.5
-10	1.6
-11	2.1



TRβ-RXR antagonist assay

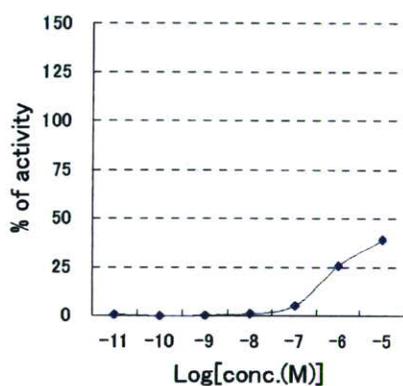
LOG[conc.(M)]	luc	ren
-5	71	57
-6	113	96
-7	115	90
-8	113	90
-9	110	92
-10	110	92



sample No. AT216
 chemical name 4',6,7-Trimethoxyisoflavone
 CAS. 798-61-8

AR agonist assay

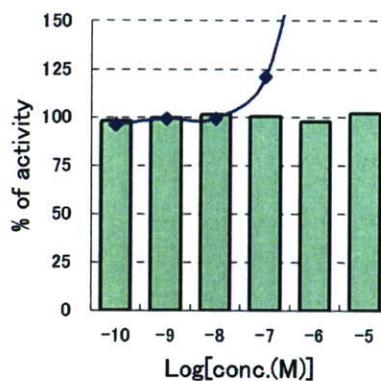
LOG[conc.(M)]	luc
-5	39.0
-6	25.6
-7	5.2
-8	1.2
-9	0.4
-10	0.1
-11	0.5



AR antagonist assay

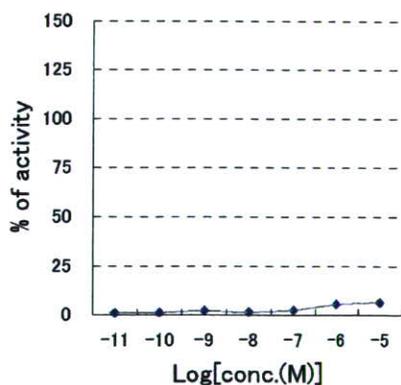
LOG[conc.(M)]	luc	ren
-5	310	102
-6	224	98
-7	121	100
-8	100	101
-9	100	100
-10	96	98

Cell viability



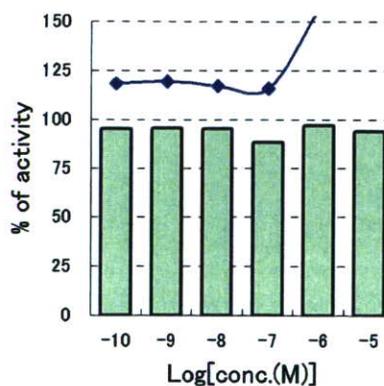
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	6.6
-6	5.5
-7	2.8
-8	1.9
-9	2.5
-10	1.4
-11	1.1



TRβ-RXR antagonist assay

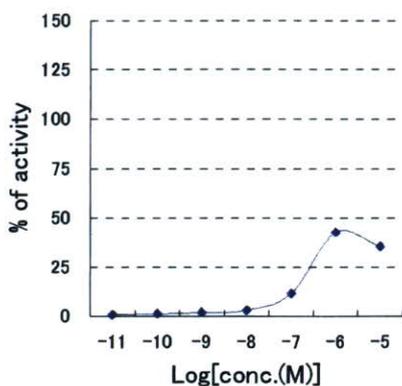
LOG[conc.(M)]	luc	ren
-5	199	94
-6	157	97
-7	116	88
-8	117	95
-9	120	95
-10	119	95



sample No. AT217
 chemical name Formononetin
 CAS. 485-72-3

AR agonist assay

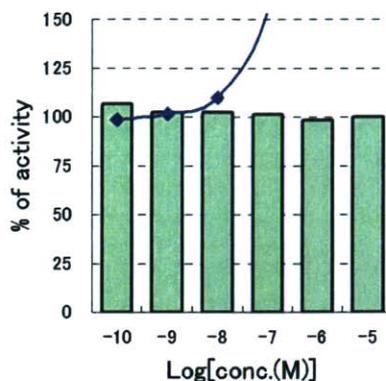
LOG[conc.(M)]	luc
-5	35.6
-6	42.6
-7	11.7
-8	3.1
-9	2.1
-10	1.5
-11	1.0



AR antagonist assay

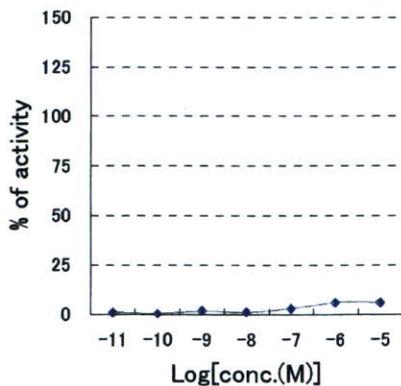
LOG[conc.(M)]	luc	ren
-5	255	100
-6	275	98
-7	154	101
-8	110	102
-9	102	102
-10	99	107

Cell viability



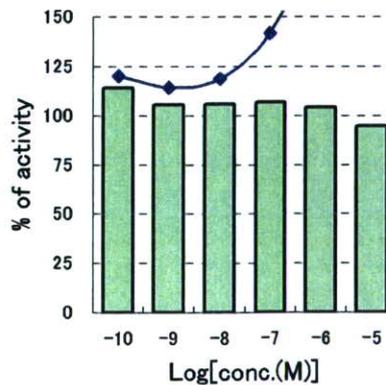
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	6.2
-6	6.3
-7	3.1
-8	1.4
-9	2.0
-10	0.5
-11	1.1



TRβ-RXR antagonist assay

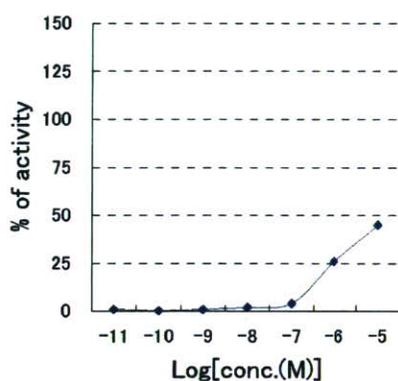
LOG[conc.(M)]	luc	ren
-5	254	95
-6	192	104
-7	142	107
-8	119	106
-9	114	105
-10	120	114



sample No. AT218
 chemical name Benz(a)anthracene
 CAS. 56-55-3

AR agonist assay

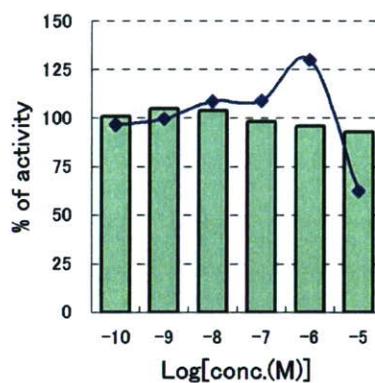
LOG[conc.(M)]	luc
-5	45.1
-6	26.0
-7	4.1
-8	2.1
-9	0.8
-10	0.3
-11	0.8



AR antagonist assay

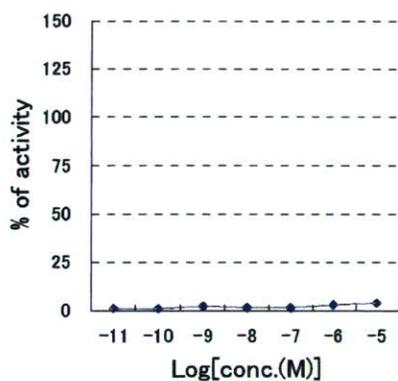
LOG[conc.(M)]	luc	ren
-5	63	93
-6	130	96
-7	109	98
-8	109	104
-9	100	105
-10	97	101

Cell viability



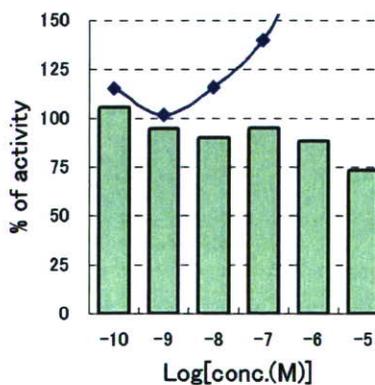
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	4.3
-6	3.2
-7	1.9
-8	1.9
-9	2.4
-10	1.3
-11	1.2



TRβ-RXR antagonist assay

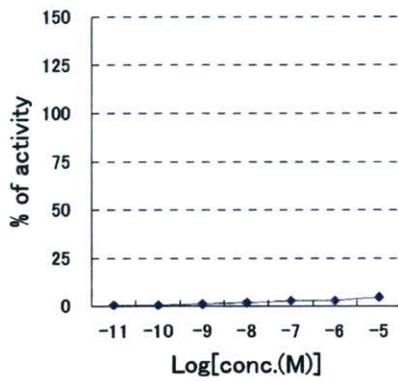
LOG[conc.(M)]	luc	ren
-5	174	73
-6	183	88
-7	140	95
-8	116	90
-9	102	94
-10	115	106



sample No. AT219
 chemical name para-Dichlorobenzene
 CAS. 106-46-7

AR agonist assay

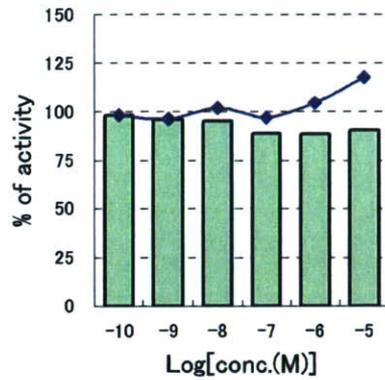
LOG[conc.(M)]	luc
-5	4.9
-6	2.9
-7	2.9
-8	1.7
-9	1.1
-10	0.5
-11	0.6



AR antagonist assay

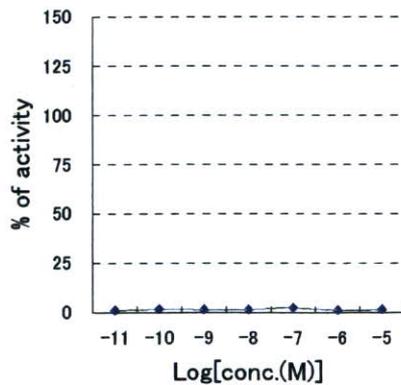
LOG[conc.(M)]	luc	ren
-5	118	91
-6	105	89
-7	97	89
-8	102	95
-9	96	96
-10	98	98

Cell viability



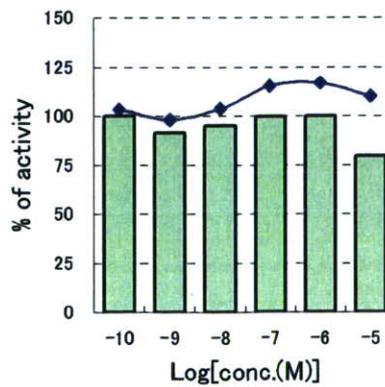
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	1.7
-6	1.5
-7	2.5
-8	1.7
-9	1.8
-10	2.1
-11	1.4



TRβ-RXR antagonist assay

LOG[conc.(M)]	luc	ren
-5	110	79
-6	117	100
-7	115	99
-8	104	95
-9	98	91
-10	104	100



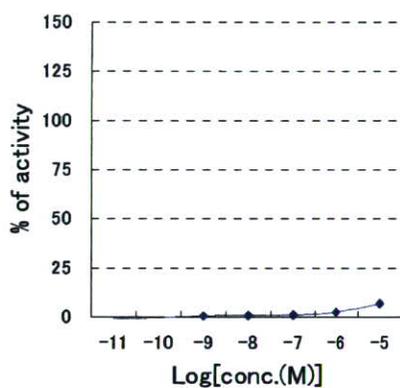
sample No.
chemical name
CAS.

AT220
4-cyclopentylphenol
1518-83-8



AR agonist assay

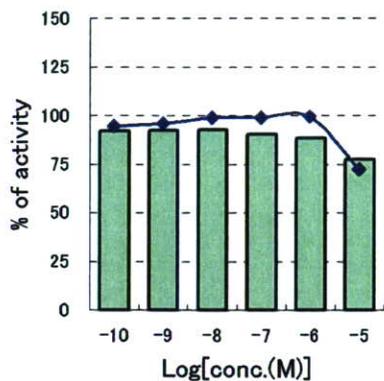
LOG[conc.(M)]	luc
-5	7.0
-6	2.6
-7	1.0
-8	0.8
-9	0.5
-10	-0.2
-11	-0.4



AR antagonist assay

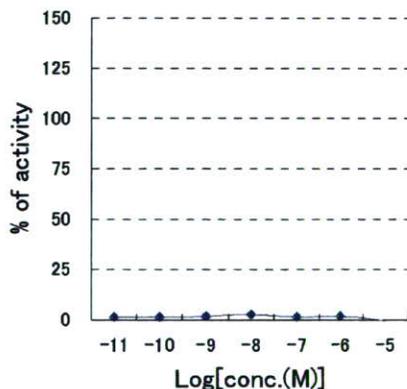
LOG[conc.(M)]	luc	ren
-5	73	78
-6	100	89
-7	99	91
-8	99	93
-9	96	92
-10	95	92

Cell viability



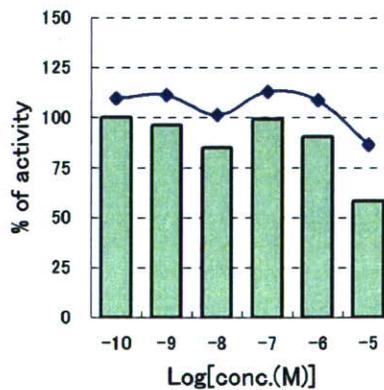
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	-0.3
-6	1.9
-7	1.8
-8	3.0
-9	1.9
-10	1.8
-11	1.8



TRβ-RXR antagonist assay

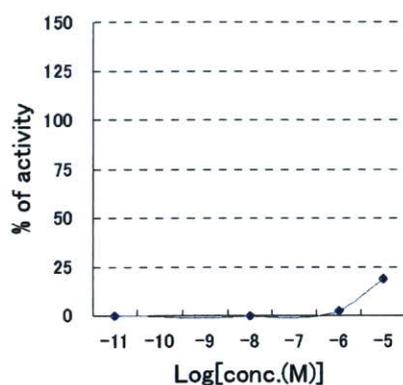
LOG[conc.(M)]	luc	ren
-5	87	58
-6	109	90
-7	113	99
-8	101	85
-9	112	96
-10	110	100



sample No. AT221
 chemical name 2-hydroxyfluorene
 CAS. 2443-58-5

AR agonist assay

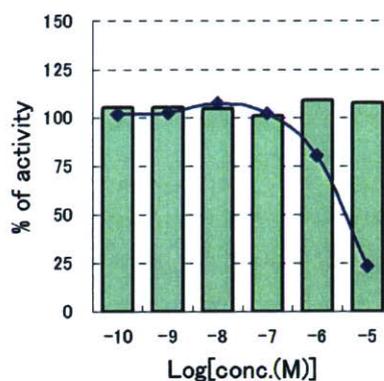
LOG[conc.(M)]	luc
-5	18.9
-6	2.6
-7	-0.8
-8	0.0
-9	-1.2
-10	-0.3
-11	0.1



AR antagonist assay

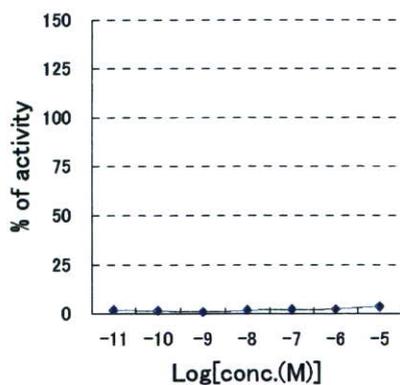
LOG[conc.(M)]	luc	ren
-5	24	108
-6	81	109
-7	102	101
-8	108	105
-9	103	105
-10	102	106

Cell viability



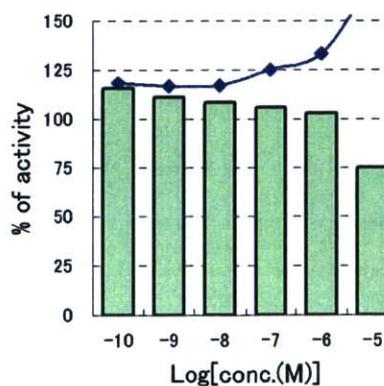
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	3.8
-6	2.7
-7	2.2
-8	2.1
-9	1.2
-10	1.7
-11	2.2



TRβ-RXR antagonist assay

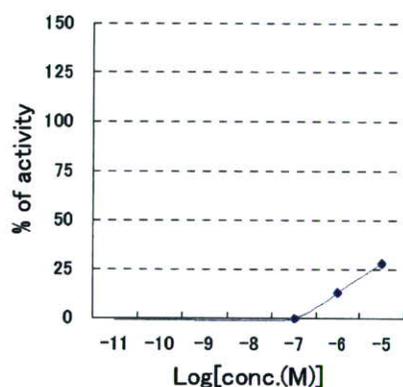
LOG[conc.(M)]	luc	ren
-5	170	75
-6	134	103
-7	125	106
-8	117	108
-9	117	111
-10	118	116



sample No. AT222
 chemical name 7-Hydroxyflavone
 CAS. 6665-86-7

AR agonist assay

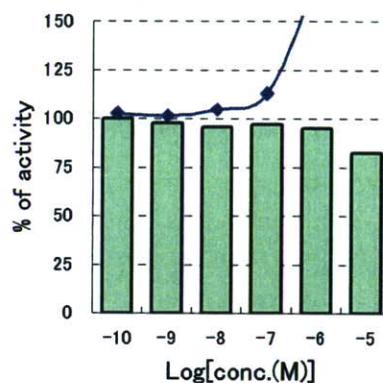
LOG[conc.(M)]	luc
-5	28.3
-6	13.3
-7	0.1
-8	-0.9
-9	-0.8
-10	-0.7
-11	-0.6



AR antagonist assay

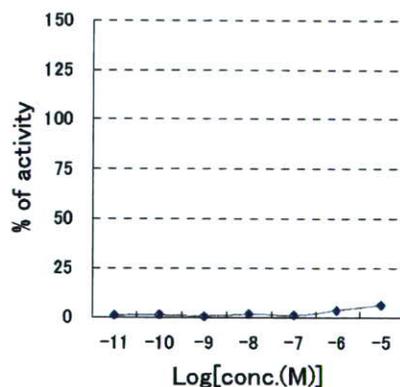
LOG[conc.(M)]	luc	ren
-5	285	82
-6	178	95
-7	113	97
-8	105	96
-9	101	98
-10	103	100

Cell viability



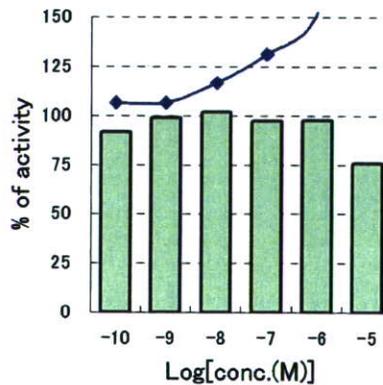
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	6.5
-6	3.9
-7	1.6
-8	1.9
-9	0.8
-10	1.7
-11	1.5



TRβ-RXR antagonist assay

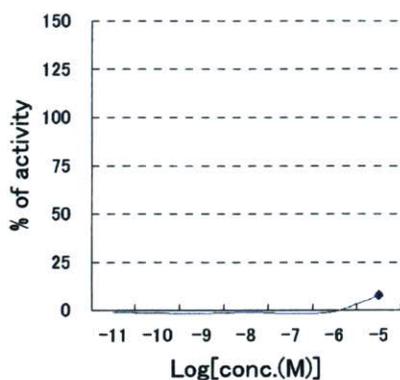
LOG[conc.(M)]	luc	ren
-5	277	76
-6	154	98
-7	131	97
-8	117	102
-9	107	99
-10	107	91



sample No. AT223
 chemical name 2-Hydroxy-9-fluorenone
 CAS. 6949-73-1

AR agonist assay

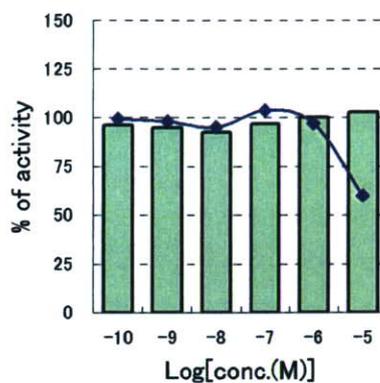
LOG[conc.(M)]	luc
-5	7.8
-6	-0.7
-7	-1.8
-8	-1.3
-9	-1.7
-10	-1.4
-11	-1.3



AR antagonist assay

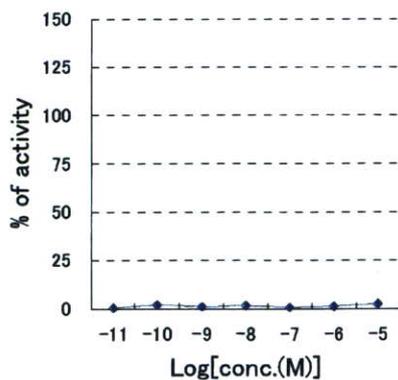
LOG[conc.(M)]	luc	ren
-5	60	103
-6	97	100
-7	104	97
-8	95	92
-9	98	95
-10	99	96

Cell viability



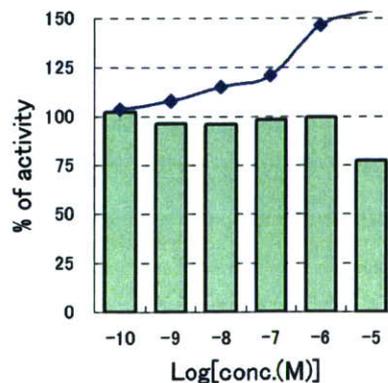
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	2.8
-6	1.4
-7	0.8
-8	1.8
-9	1.2
-10	2.2
-11	0.7



TRβ-RXR antagonist assay

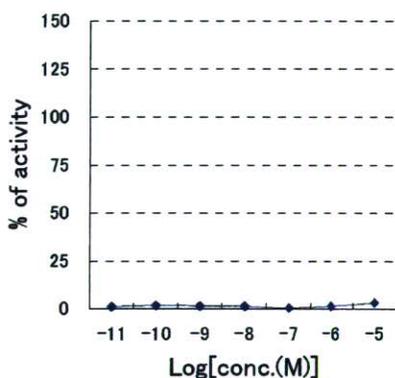
LOG[conc.(M)]	luc	ren
-5	154	77
-6	147	99
-7	121	98
-8	115	96
-9	108	96
-10	104	102



sample No. AT224
 chemical name 6-Bromo-2-naphthol
 CAS. 15231-91-1

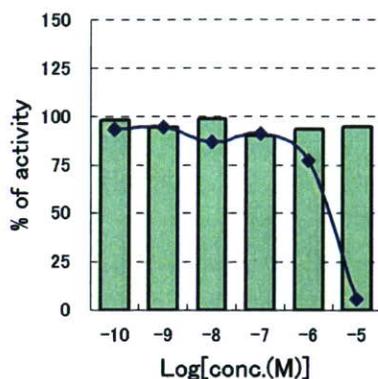
AR agonist assay

LOG[conc.(M)]	luc
-5	3.2
-6	1.4
-7	0.7
-8	1.4
-9	1.6
-10	1.7
-11	1.2



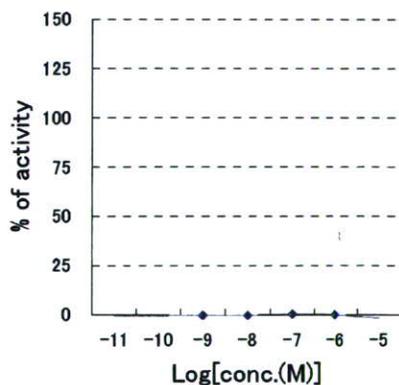
AR antagonist assay

LOG[conc.(M)]	luc	ren
-5	6	95
-6	77	94
-7	92	90
-8	87	99
-9	95	94
-10	94	98



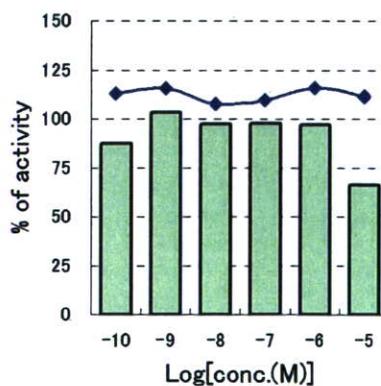
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	-1.3
-6	0.4
-7	0.7
-8	0.0
-9	0.1
-10	-0.2
-11	-0.2



TRβ-RXR antagonist assay

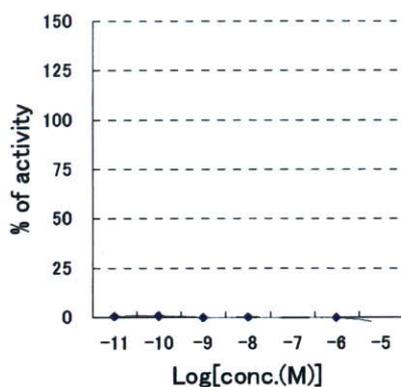
LOG[conc.(M)]	luc	ren
-5	111	66
-6	116	97
-7	110	98
-8	108	97
-9	116	103
-10	113	87



sample No. AT225
 chemical name 2-carbethoxy-5,7-dihydroxy-4'-methoxyisoflavone
 CAS. 15485-76-4

AR agonist assay

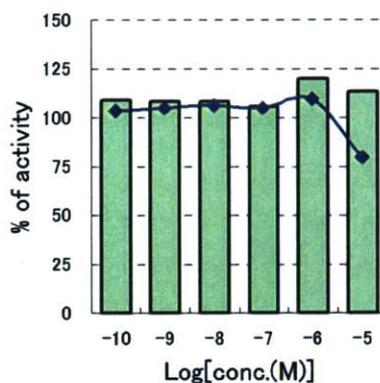
LOG[conc.(M)]	luc
-5	-3.0
-6	0.0
-7	-0.4
-8	0.3
-9	0.1
-10	0.8
-11	0.7



AR antagonist assay

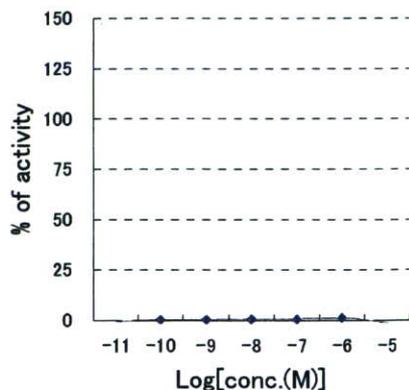
LOG[conc.(M)]	luc	ren
-5	80	113
-6	110	120
-7	105	106
-8	106	108
-9	105	108
-10	104	109

Cell viability



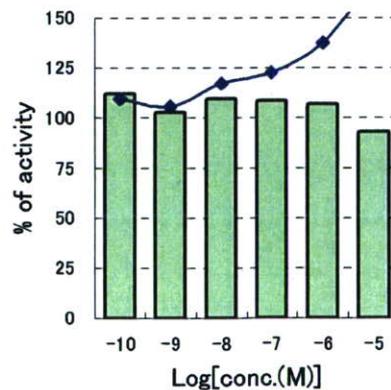
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	-1.1
-6	1.6
-7	0.9
-8	0.8
-9	0.5
-10	0.6
-11	-0.3



TRβ-RXR antagonist assay

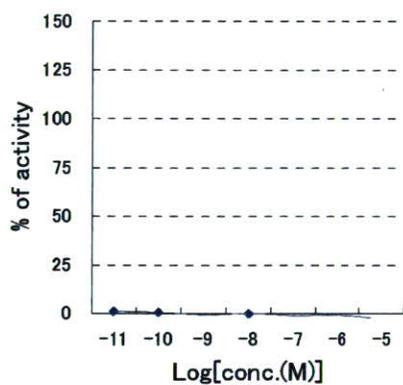
LOG[conc.(M)]	luc	ren
-5	170	93
-6	138	107
-7	123	109
-8	117	110
-9	106	103
-10	110	112



sample No. AT226
 chemical name 4-(1-adamantyl)phenol
 CAS. 29799-07-3

AR agonist assay

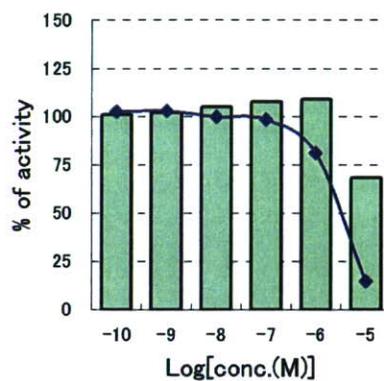
LOG[conc.(M)]	luc
-5	-2.9
-6	-0.5
-7	-0.9
-8	0.1
-9	-0.7
-10	0.7
-11	1.2



AR antagonist assay

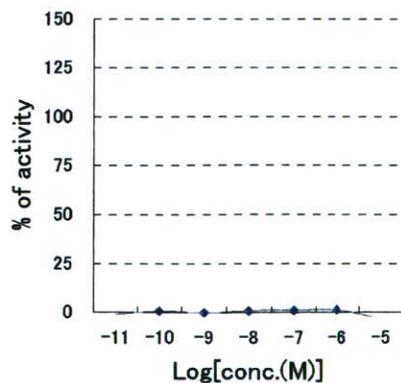
LOG[conc.(M)]	luc	ren
-5	15	68
-6	81	109
-7	99	108
-8	100	105
-9	103	102
-10	103	101

Cell viability



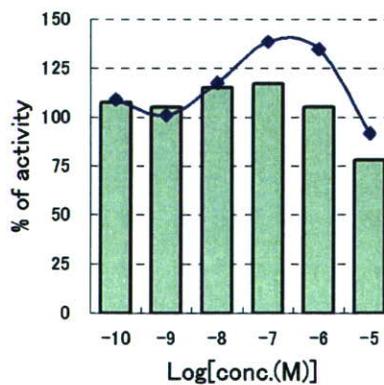
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	-3.2
-6	1.6
-7	1.3
-8	0.8
-9	0.1
-10	0.7
-11	-0.9



TRβ-RXR antagonist assay

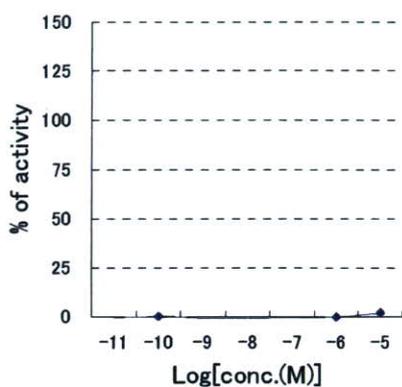
LOG[conc.(M)]	luc	ren
-5	92	78
-6	135	105
-7	139	117
-8	118	115
-9	101	105
-10	109	108



sample No. AT227
 chemical name WY14643(Pirinixic acid)
 CAS. 50892-23-4

AR agonist assay

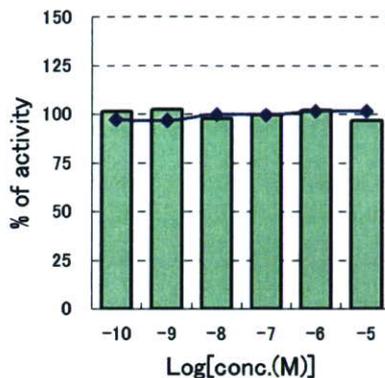
LOG[conc.(M)]	luc
-5	2.1
-6	0.1
-7	-0.4
-8	-0.4
-9	-0.6
-10	0.3
-11	-0.2



AR antagonist assay

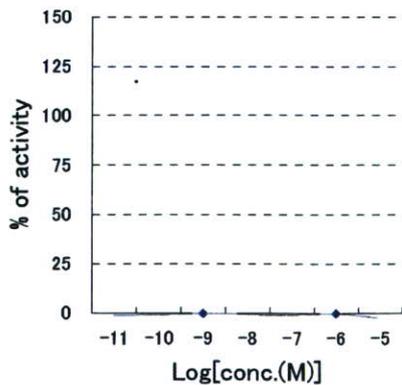
LOG[conc.(M)]	luc	ren
-5	102	97
-6	102	102
-7	100	100
-8	100	98
-9	97	102
-10	97	101

Cell viability



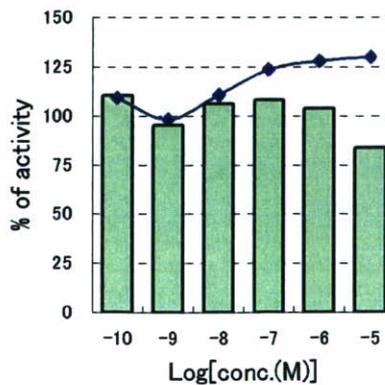
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	-2.2
-6	0.1
-7	-0.5
-8	-0.3
-9	-0.1
-10	-0.7
-11	-0.8



TRβ-RXR antagonist assay

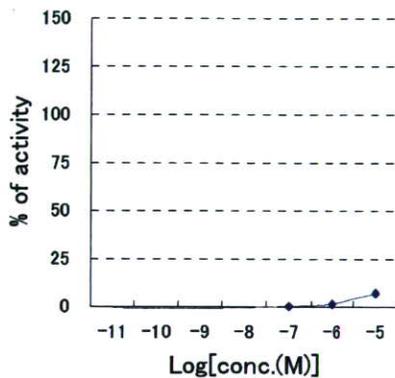
LOG[conc.(M)]	luc	ren
-5	130	84
-6	128	104
-7	124	108
-8	111	106
-9	98	95
-10	109	110



sample No. AT228
 chemical name 3,6-dihydroxyflavone
 CAS. 1

AR agonist assay

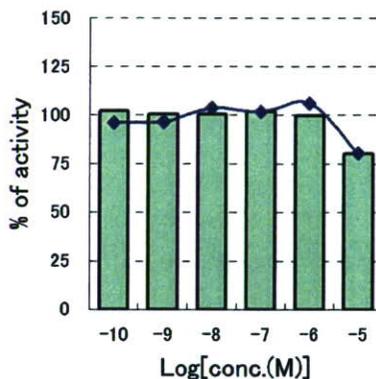
LOG[conc.(M)]	luc
-5	7.2
-6	1.6
-7	0.2
-8	-0.2
-9	-0.6
-10	-0.8
-11	-0.4



AR antagonist assay

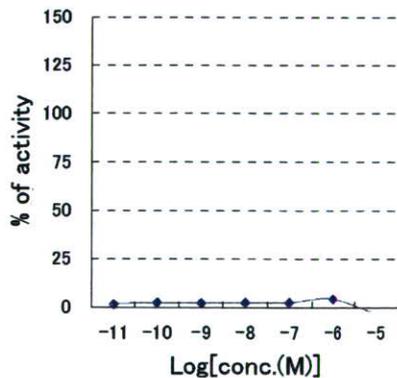
LOG[conc.(M)]	luc	ren
-5	81	80
-6	106	100
-7	102	102
-8	104	101
-9	97	101
-10	96	102

Cell viability



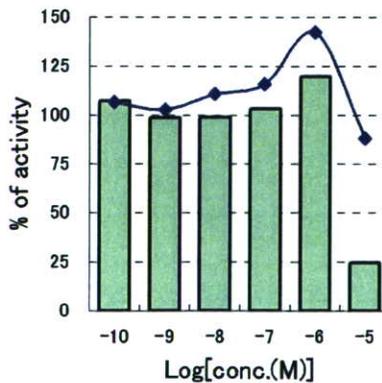
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	-3.4
-6	4.6
-7	2.8
-8	2.8
-9	2.4
-10	2.8
-11	1.7



TRβ-RXR antagonist assay

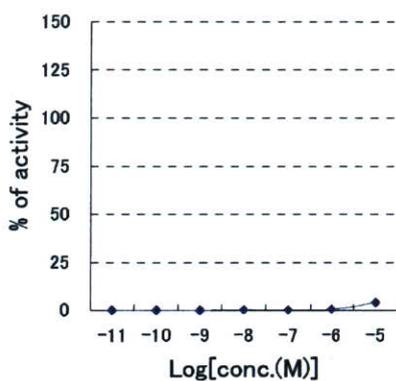
LOG[conc.(M)]	luc	ren
-5	88	25
-6	143	120
-7	116	103
-8	111	99
-9	103	98
-10	107	107



sample No. AT229
 chemical name Luteolin
 CAS. 491-70-3

AR agonist assay

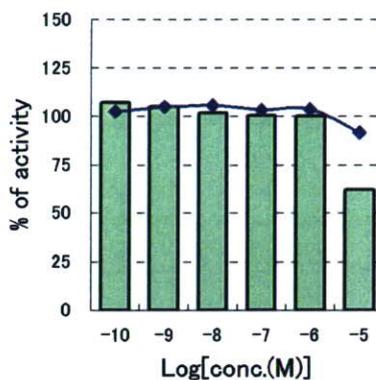
LOG[conc.(M)]	luc
-5	4.2
-6	0.6
-7	0.3
-8	0.3
-9	-0.1
-10	0.0
-11	-0.1



AR antagonist assay

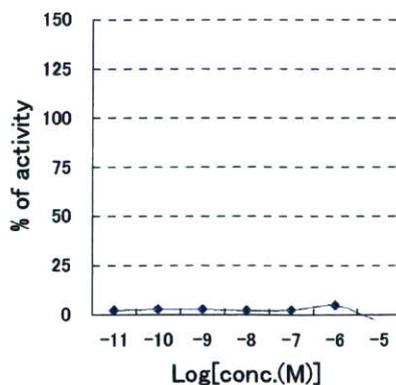
LOG[conc.(M)]	luc	ren
-5	92	62
-6	104	100
-7	103	100
-8	106	102
-9	105	105
-10	103	107

Cell viability



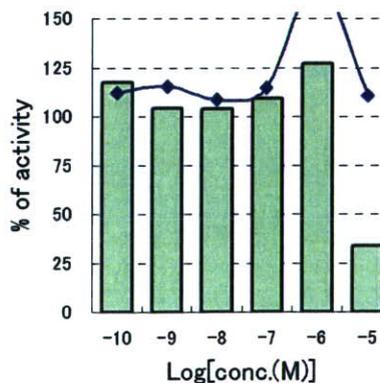
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	-3.3
-6	5.0
-7	2.7
-8	2.3
-9	3.1
-10	3.1
-11	2.3



TRβ-RXR antagonist assay

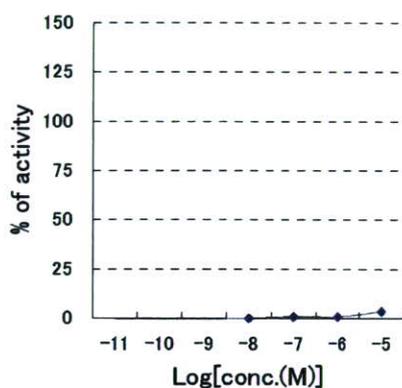
LOG[conc.(M)]	luc	ren
-5	111	34
-6	170	127
-7	115	109
-8	109	104
-9	115	104
-10	112	117



sample No. AT230
 chemical name Clofibrate
 CAS. 637-07-0

AR agonist assay

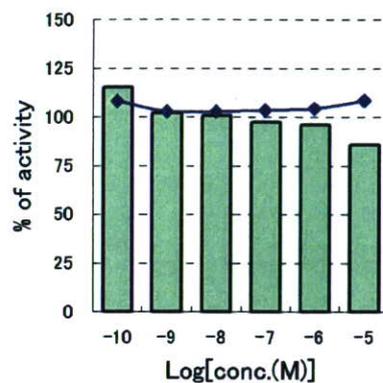
LOG[conc.(M)]	luc
-5	3.4
-6	0.8
-7	0.8
-8	0.0
-9	-0.4
-10	-0.3
-11	-0.2



AR antagonist assay

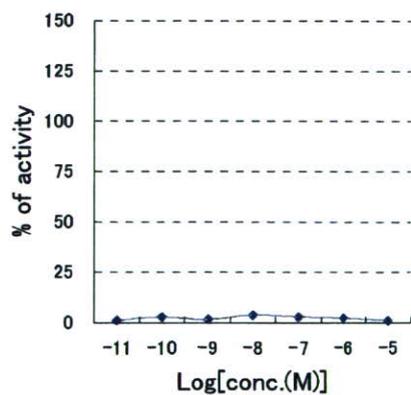
LOG[conc.(M)]	luc	ren
-5	109	86
-6	105	96
-7	104	98
-8	103	101
-9	103	102
-10	109	115

Cell viability



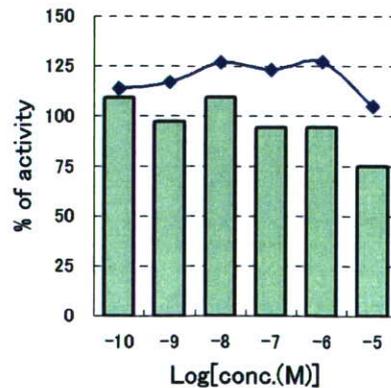
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	1.0
-6	2.6
-7	3.3
-8	4.0
-9	2.0
-10	3.3
-11	1.6



TRβ-RXR antagonist assay

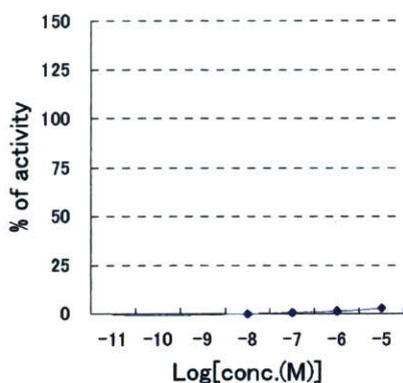
LOG[conc.(M)]	luc	ren
-5	105	75
-6	127	94
-7	124	94
-8	127	110
-9	117	97
-10	114	109



sample No. AT231
 chemical name Mono-2-ethylhexyl Phthalate
 CAS. 4376-20-9

AR agonist assay

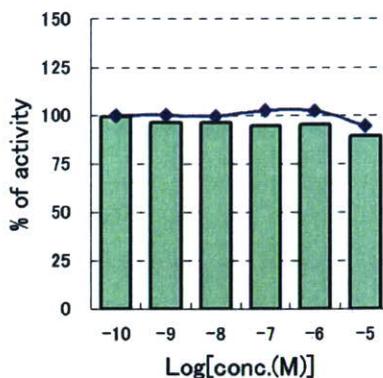
LOG[conc.(M)]	luc
-5	3.1
-6	1.6
-7	0.5
-8	0.1
-9	-0.4
-10	-0.5
-11	-0.4



AR antagonist assay

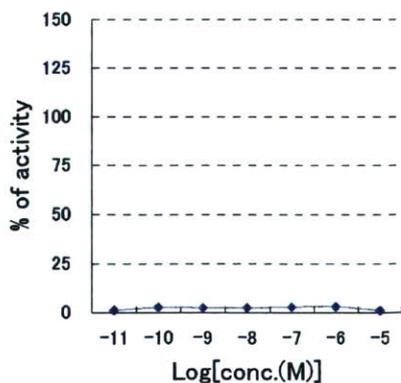
LOG[conc.(M)]	luc	ren
-5	95	89
-6	102	95
-7	103	95
-8	100	97
-9	100	96
-10	100	99

Cell viability



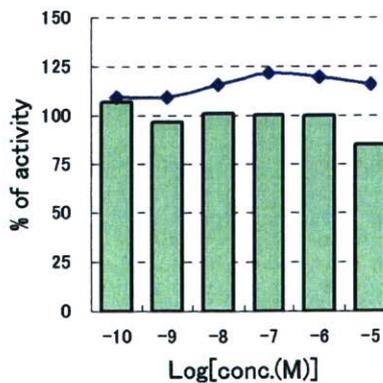
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	1.0
-6	3.2
-7	3.0
-8	2.8
-9	2.5
-10	2.8
-11	1.5



TRβ-RXR antagonist assay

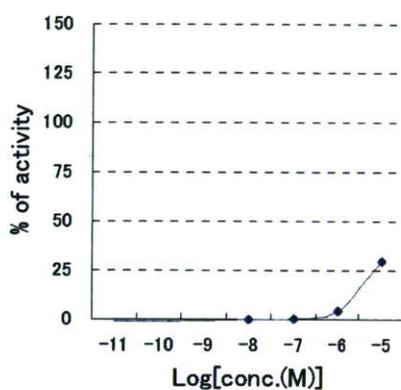
LOG[conc.(M)]	luc	ren
-5	116	85
-6	120	100
-7	122	100
-8	116	101
-9	109	96
-10	109	107



sample No. AT232
 chemical name 6,7-dihydroxyflavone
 CAS. 38183-04-9

AR agonist assay

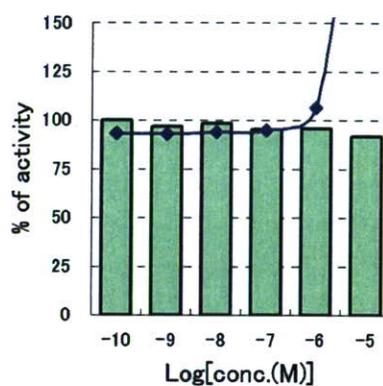
LOG[conc.(M)]	luc
-5	29.7
-6	4.4
-7	0.2
-8	-0.1
-9	-0.5
-10	-0.7
-11	-1.0



AR antagonist assay

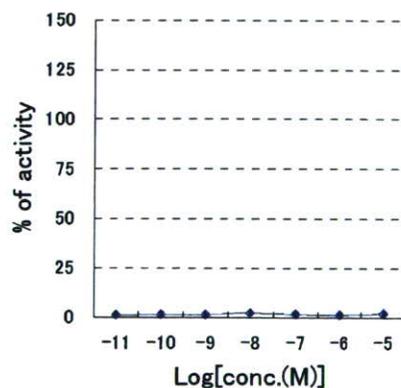
LOG[conc.(M)]	luc	ren
-5	287	92
-6	107	96
-7	95	95
-8	94	98
-9	93	96
-10	93	100

Cell viability



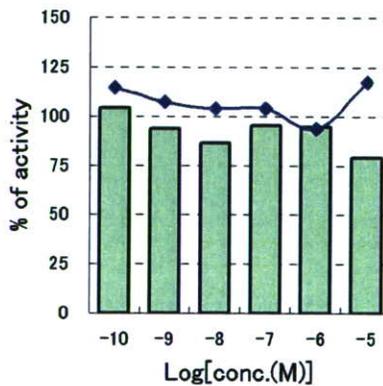
TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	2.2
-6	1.9
-7	2.1
-8	2.5
-9	1.8
-10	1.9
-11	1.4



TRβ-RXR antagonist assay

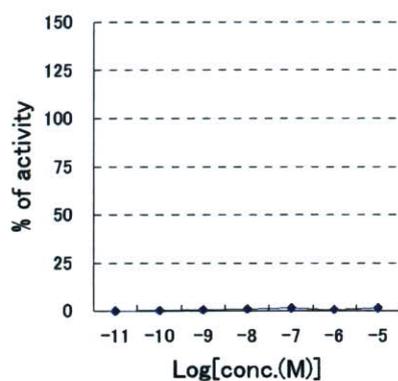
LOG[conc.(M)]	luc	ren
-5	118	79
-6	94	94
-7	104	95
-8	104	86
-9	107	93
-10	115	104



sample No. AT233
 chemical name Di-i-propyl phthalate
 CAS. 605-45-8

AR agonist assay

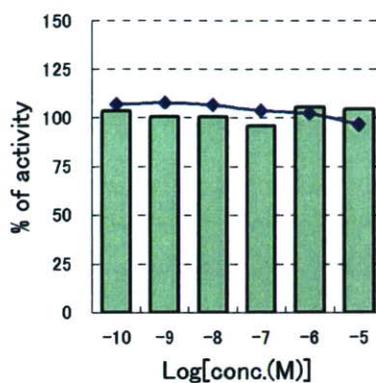
LOG[conc.(M)]	luc
-5	1.4
-6	0.5
-7	1.5
-8	1.0
-9	0.5
-10	0.3
-11	0.0



AR antagonist assay

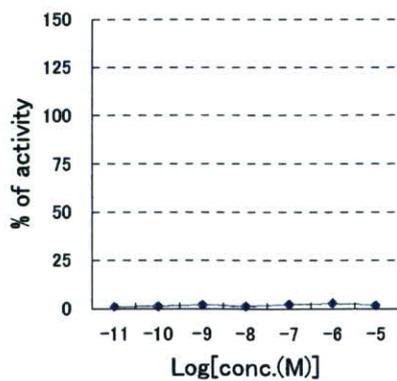
LOG[conc.(M)]	luc	ren
-5	97	105
-6	102	106
-7	104	96
-8	107	101
-9	108	100
-10	107	104

Cell viability



TRβ-RXR agonist assay

LOG[conc.(M)]	luc
-5	1.9
-6	2.9
-7	2.5
-8	1.6
-9	2.0
-10	1.5
-11	1.3



TRβ-RXR antagonist assay

LOG[conc.(M)]	luc	ren
-5	111	87
-6	115	105
-7	112	111
-8	99	104
-9	105	107
-10	110	115

