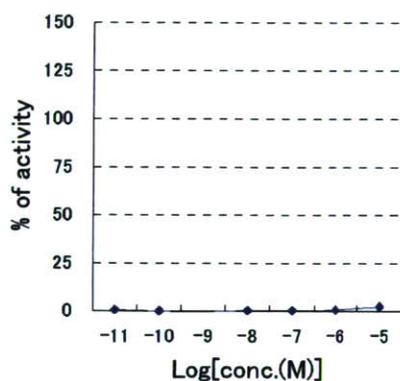


sample No. AT234  
 chemical name 2-Naphthalenecarboxamide, 1-hydroxy-N-(2-(tetradecyloxy)phenyl)-  
 CAS. 39163-92-3

**AR agonist assay**

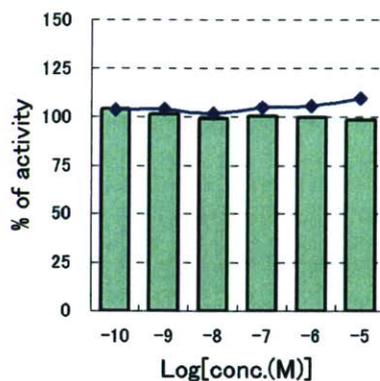
LOG[conc.(M)]	luc
-5	2.4
-6	0.7
-7	0.3
-8	0.2
-9	-0.2
-10	-0.1
-11	0.5



**AR antagonist assay**

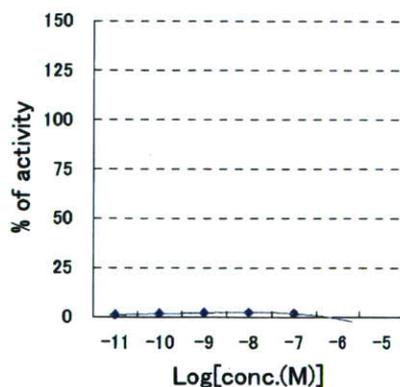
LOG[conc.(M)]	luc	ren
-5	110	98
-6	106	99
-7	105	101
-8	102	99
-9	104	101
-10	104	104

Cell viability



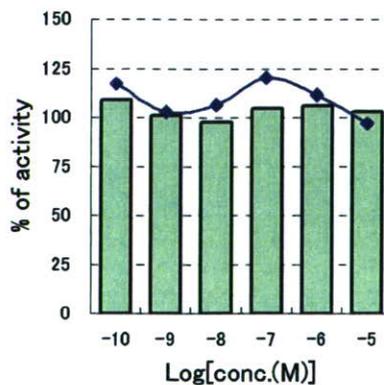
**TRβ-RXR agonist assay**

LOG[conc.(M)]	luc
-5	-5.5
-6	-0.6
-7	2.2
-8	2.7
-9	2.2
-10	2.1
-11	1.5



**TRβ-RXR antagonist assay**

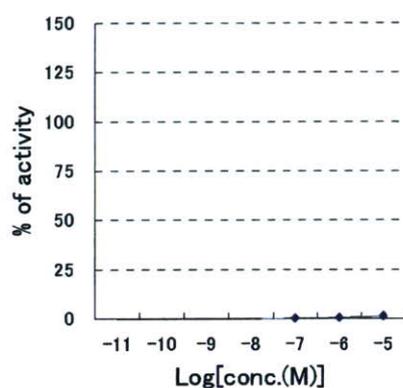
LOG[conc.(M)]	luc	ren
-5	97	103
-6	111	106
-7	120	104
-8	106	98
-9	103	101
-10	117	109



sample No. AT235  
 chemical name Anethole  
 CAS. 4180-23-8

**AR agonist assay**

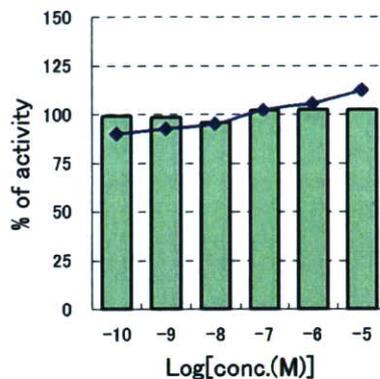
LOG[concentration(M)]	luc
-5	1.5
-6	0.5
-7	0.3
-8	-0.2
-9	-0.4
-10	-0.4
-11	-0.3



**AR antagonist assay**

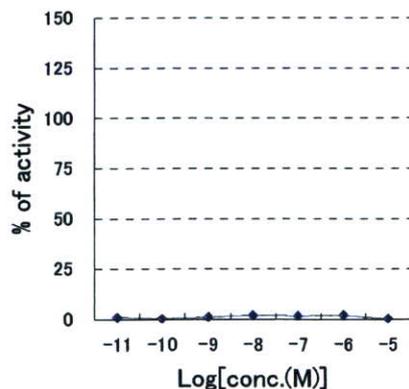
LOG[concentration(M)]	luc	ren
-5	113	102
-6	106	103
-7	103	102
-8	95	96
-9	93	98
-10	90	99

Cell viability



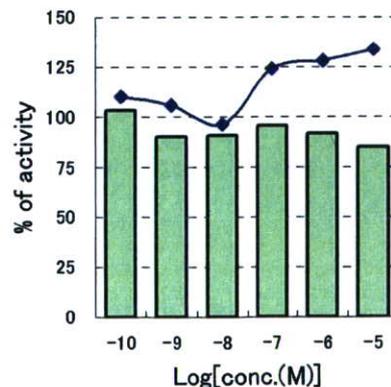
**TRβ-RXR agonist assay**

LOG[concentration(M)]	luc
-5	0.6
-6	2.4
-7	1.9
-8	2.2
-9	1.4
-10	0.7
-11	1.3



**TRβ-RXR antagonist assay**

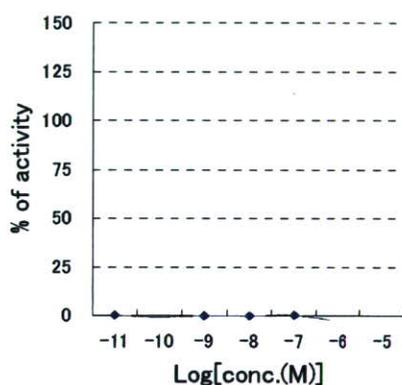
LOG[concentration(M)]	luc	ren
-5	134	85
-6	128	92
-7	124	96
-8	97	91
-9	106	90
-10	111	104



sample No. AT236  
 chemical name Brodifacoum  
 CAS. 56073-10-0

**AR agonist assay**

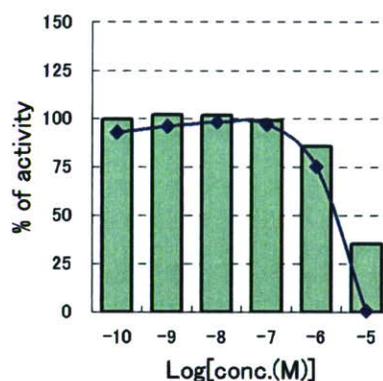
LOG[conc.(M)]	luc
-5	-11.6
-6	-3.1
-7	0.3
-8	0.0
-9	0.0
-10	-0.4
-11	0.2



**AR antagonist assay**

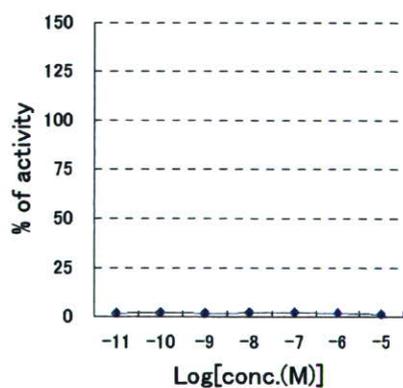
LOG[conc.(M)]	luc	ren
-5	1	35
-6	75	86
-7	97	99
-8	98	102
-9	96	102
-10	93	99

Cell viability



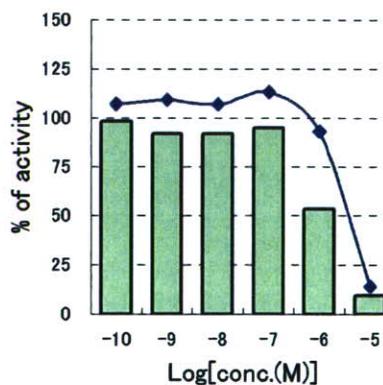
**TRβ-RXR agonist assay**

LOG[conc.(M)]	luc
-5	1.5
-6	1.9
-7	2.4
-8	2.4
-9	2.0
-10	2.5
-11	2.0



**TRβ-RXR antagonist assay**

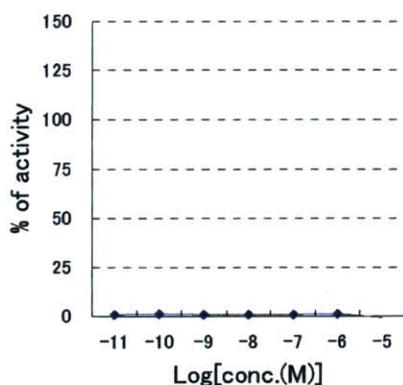
LOG[conc.(M)]	luc	ren
-5	14	9
-6	93	53
-7	113	95
-8	107	92
-9	109	92
-10	107	98



sample No. AT237  
 chemical name Isopropralin  
 CAS. 33820-53-0

**AR agonist assay**

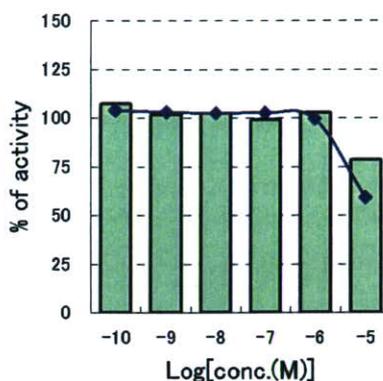
LOG[conc.(M)]	luc
-5	-0.5
-6	1.3
-7	0.8
-8	1.0
-9	0.8
-10	1.1
-11	0.9



**AR antagonist assay**

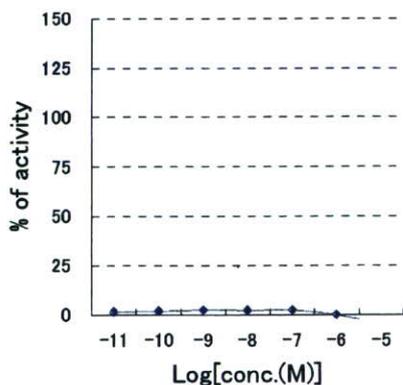
LOG[conc.(M)]	luc	ren
-5	59	78
-6	99	103
-7	103	99
-8	102	102
-9	103	102
-10	104	107

Cell viability



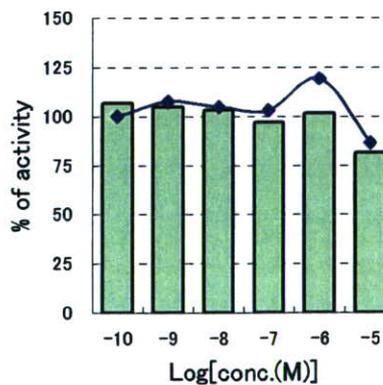
**TRβ-RXR agonist assay**

LOG[conc.(M)]	luc
-5	-5.1
-6	0.3
-7	2.7
-8	2.2
-9	2.7
-10	2.0
-11	1.9



**TRβ-RXR antagonist assay**

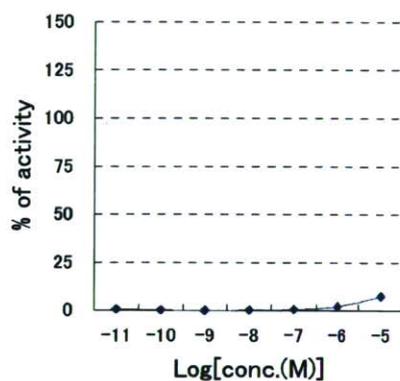
LOG[conc.(M)]	luc	ren
-5	87	81
-6	119	101
-7	103	97
-8	105	103
-9	108	105
-10	100	107



sample No. AT238  
 chemical name Difenoхuron  
 CAS. 14214-32-5

**AR agonist assay**

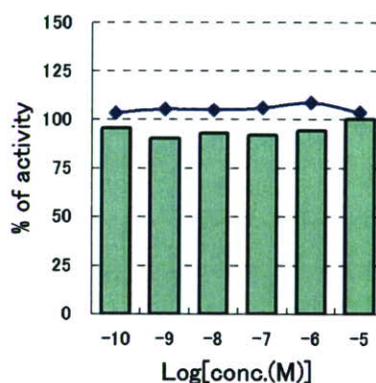
LOG[conc.(M)]	luc
-5	7.6
-6	2.0
-7	0.7
-8	0.3
-9	-0.1
-10	0.4
-11	0.5



**AR antagonist assay**

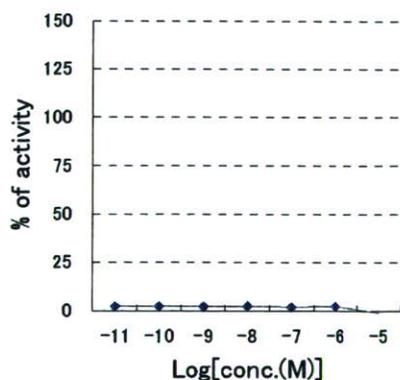
LOG[conc.(M)]	luc	ren
-5	104	100
-6	109	94
-7	106	92
-8	105	93
-9	106	90
-10	104	95

Cell viability



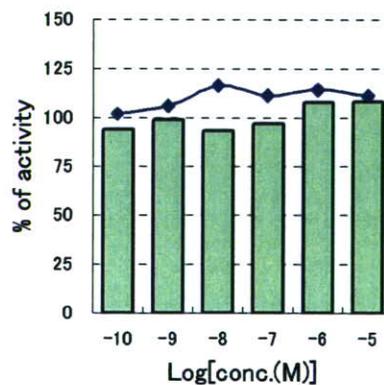
**TRβ-RXR agonist assay**

LOG[conc.(M)]	luc
-5	-0.8
-6	2.4
-7	2.1
-8	2.8
-9	2.5
-10	2.3
-11	2.3



**TRβ-RXR antagonist assay**

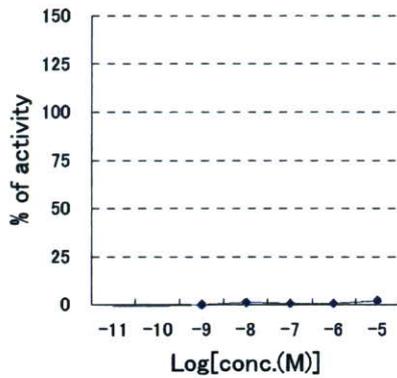
LOG[conc.(M)]	luc	ren
-5	111	108
-6	114	108
-7	111	97
-8	117	93
-9	106	99
-10	102	94



sample No. AT239  
 chemical name Tralkoxydim  
 CAS. 87820-88-0

**AR agonist assay**

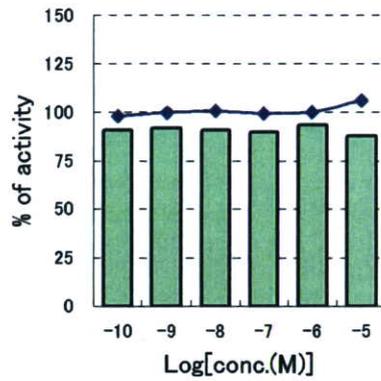
LOG[conc.(M)]	luc
-5	2.2
-6	0.7
-7	0.5
-8	1.2
-9	0.1
-10	-0.7
-11	-0.5



**AR antagonist assay**

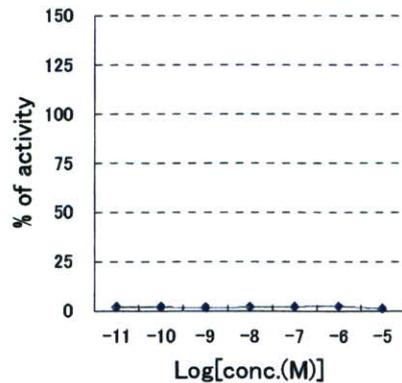
LOG[conc.(M)]	luc	ren
-5	106	88
-6	100	93
-7	99	90
-8	101	91
-9	100	92
-10	98	91

Cell viability



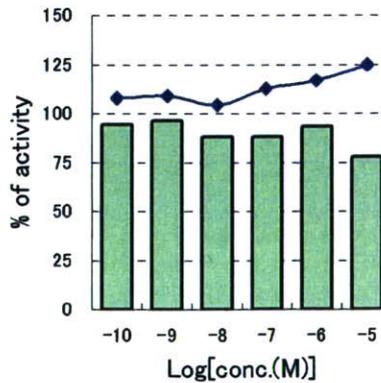
**TRβ-RXR agonist assay**

LOG[conc.(M)]	luc
-5	1.4
-6	2.7
-7	2.5
-8	2.5
-9	2.1
-10	2.2
-11	2.3



**TRβ-RXR antagonist assay**

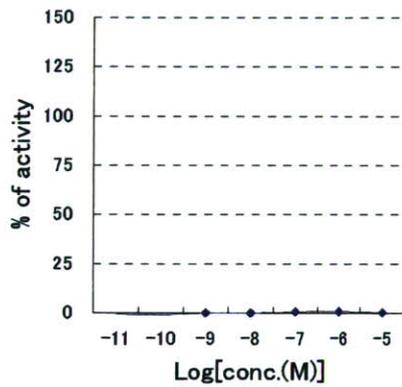
LOG[conc.(M)]	luc	ren
-5	125	78
-6	117	93
-7	113	88
-8	104	88
-9	109	96
-10	108	94



sample No. AT240  
 chemical name Resmethrin  
 CAS. 10453-86-8

**AR agonist assay**

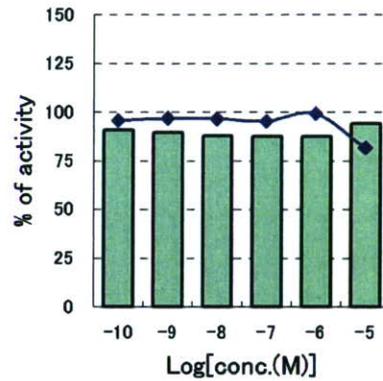
LOG[conc.(M)]	luc
-5	0.2
-6	0.9
-7	0.6
-8	0.0
-9	0.0
-10	-0.9
-11	-0.7



**AR antagonist assay**

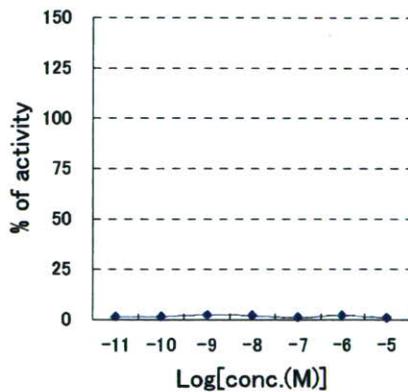
LOG[conc.(M)]	luc	ren
-5	82	94
-6	99	88
-7	96	88
-8	97	88
-9	97	89
-10	96	91

Cell viability



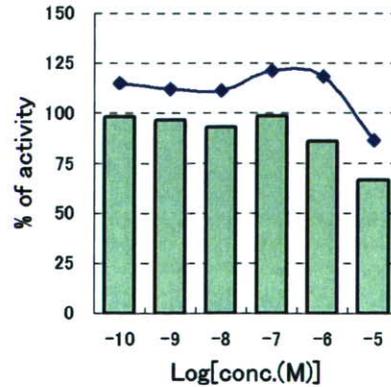
**TRβ-RXR agonist assay**

LOG[conc.(M)]	luc
-5	1.0
-6	2.2
-7	1.5
-8	2.3
-9	2.5
-10	1.7
-11	1.8



**TRβ-RXR antagonist assay**

LOG[conc.(M)]	luc	ren
-5	86	67
-6	119	86
-7	122	99
-8	111	93
-9	112	97
-10	115	98



測定結果 一覧

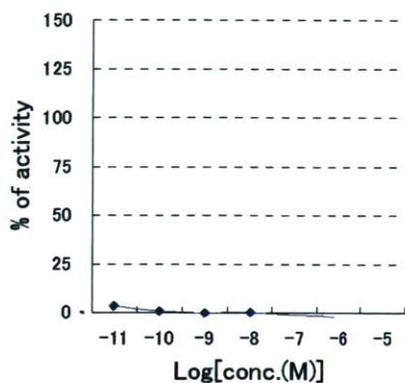
AR レポータージーンアッセイ

10 物質  
(AR241～AR250)

sample No. AR241  
 chemical name Cycloheximide  
 CAS. 66-81-9

**AR agonist assay**

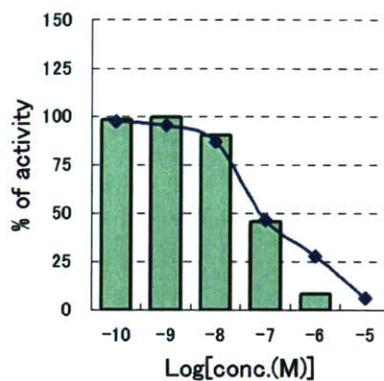
LOG[conc.(M)]	luc
-5	-8.4
-6	-2.6
-7	-0.8
-8	0.2
-9	0.1
-10	0.9
-11	3.6



**AR antagonist assay**

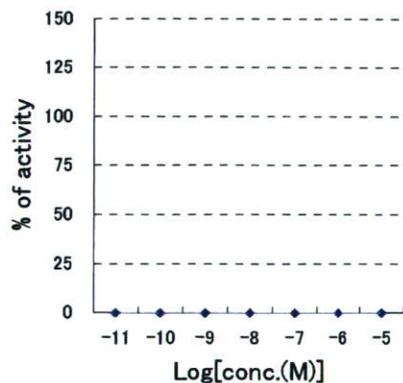
LOG[conc.(M)]	luc	ren
-5	6	-4
-6	28	8
-7	47	46
-8	87	90
-9	96	99
-10	98	98

Cell viability



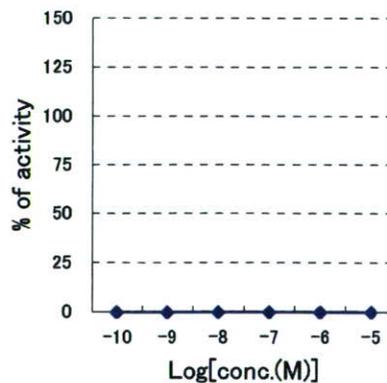
**TRβ-RXR agonist assay**

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



**TRβ-RXR antagonist assay**

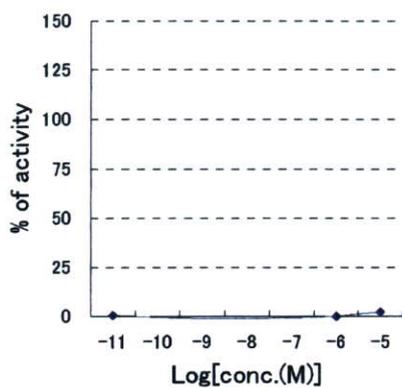
LOG[conc.(M)]	luc	ren
-5	0	0
-6	0	0
-7	0	0
-8	0	0
-9	0	0
-10	0	0



sample No. AR242  
 chemical name Sulpiride  
 CAS. 15676-16-1

**AR agonist assay**

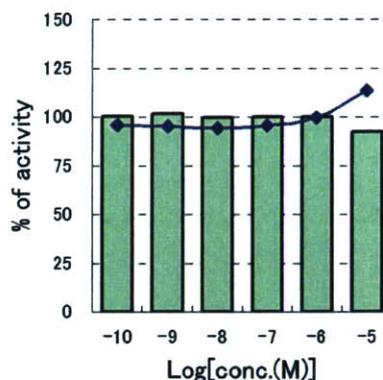
LOG[conc.(M)]	luc
-5	2.4
-6	0.0
-7	-0.6
-8	-0.9
-9	-0.8
-10	-0.3
-11	0.7



**AR antagonist assay**

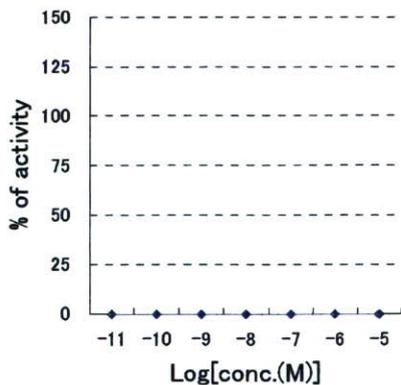
LOG[conc.(M)]	luc	ren
-5	114	92
-6	100	100
-7	96	100
-8	95	99
-9	95	102
-10	96	101

Cell viability



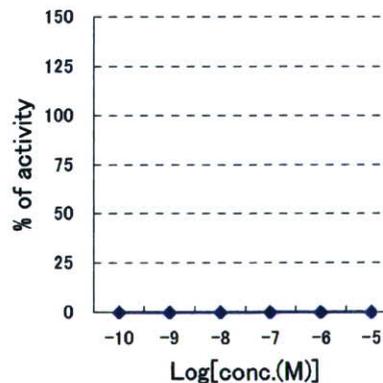
**TRβ-RXR agonist assay**

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



**TRβ-RXR antagonist assay**

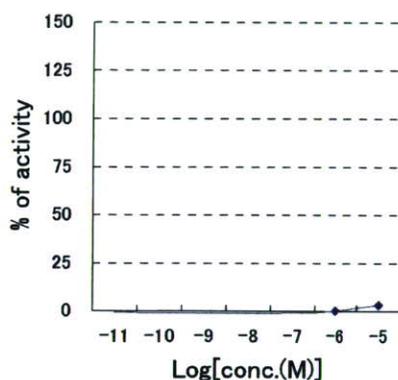
LOG[conc.(M)]	luc	ren
-5	0	0
-6	0	0
-7	0	0
-8	0	0
-9	0	0
-10	0	0



sample No. AR243  
 chemical name Santoflex 13  
 CAS. 793-24-8

**AR agonist assay**

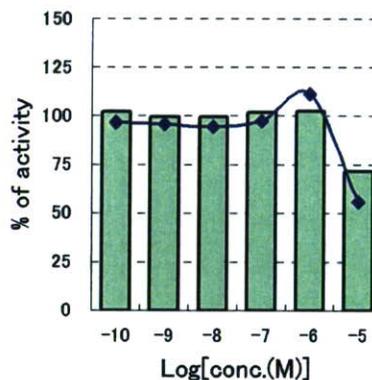
LOG[conc.(M)]	luc
-5	3.2
-6	0.3
-7	-1.1
-8	-1.2
-9	-1.1
-10	-1.2
-11	-0.9



**AR antagonist assay**

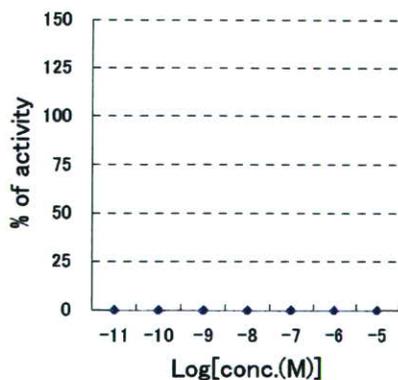
LOG[conc.(M)]	luc	ren
-5	56	72
-6	112	103
-7	98	102
-8	95	99
-9	96	99
-10	97	102

Cell viability



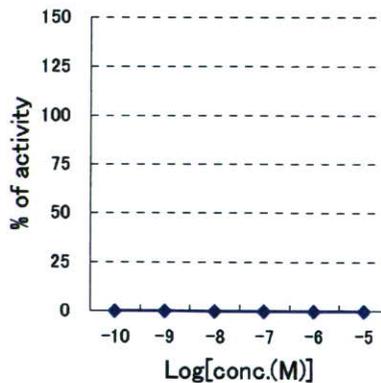
**TRβ-RXR agonist assay**

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



**TRβ-RXR antagonist assay**

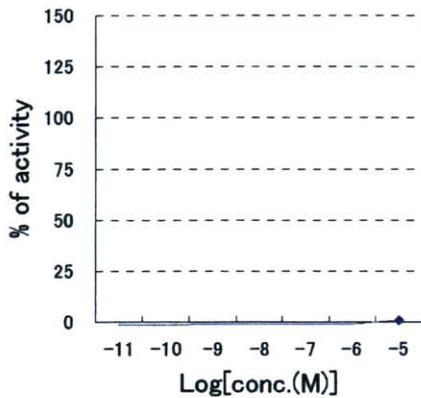
LOG[conc.(M)]	luc	ren
-5	0	0
-6	0	0
-7	0	0
-8	0	0
-9	0	0
-10	0	0



sample No. AR244  
 chemical name Citronellyl isobutyrate  
 CAS. 97-89-2

**AR agonist assay**

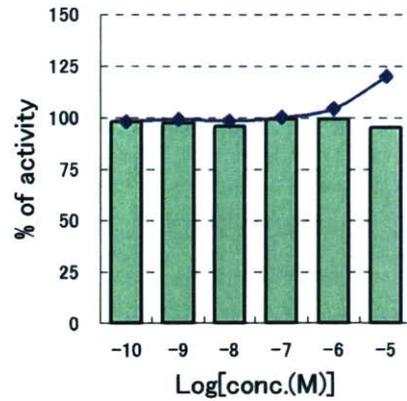
LOG[conc.(M)]	luc
-5	1.0
-6	-0.9
-7	-0.9
-8	-1.0
-9	-1.0
-10	-1.1
-11	-1.6



**AR antagonist assay**

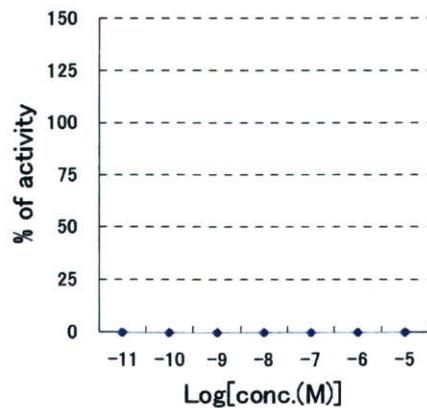
LOG[conc.(M)]	luc	ren
-5	120	95
-6	105	99
-7	100	99
-8	98	96
-9	99	97
-10	98	98

Cell viability



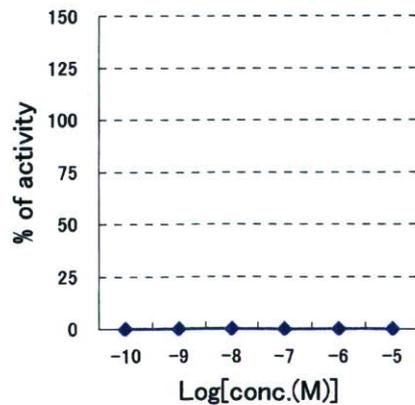
**TRβ-RXR agonist assay**

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



**TRβ-RXR antagonist assay**

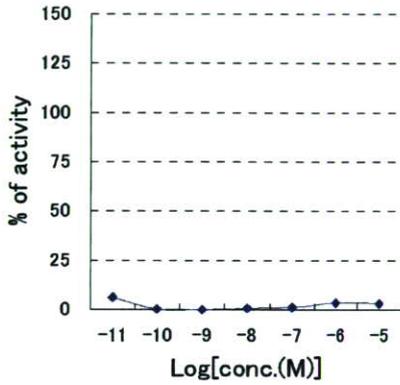
LOG[conc.(M)]	luc	ren
-5	0	0
-6	0	0
-7	0	0
-8	0	0
-9	0	0
-10	0	0



sample No. AR245  
 chemical name Phenol, 2-methoxy-4-propenyl-, acetate  
 CAS. 93-29-8

**AR agonist assay**

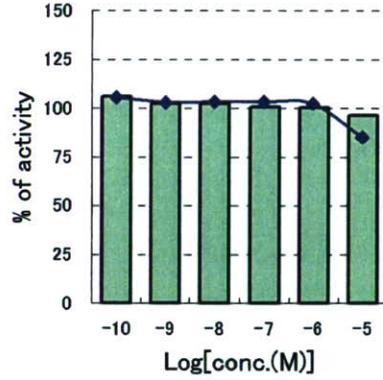
LOG[conc.(M)]	luc
-5	3.3
-6	3.6
-7	1.2
-8	0.6
-9	0.0
-10	0.4
-11	6.4



**AR antagonist assay**

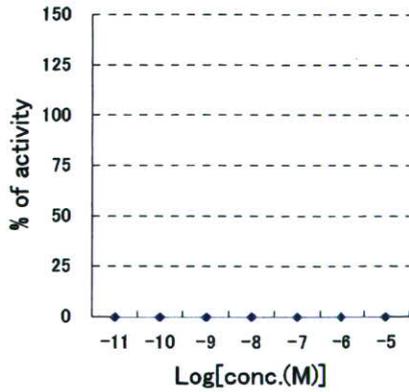
LOG[conc.(M)]	luc	ren
-5	85	96
-6	103	101
-7	103	101
-8	103	103
-9	103	102
-10	106	106

Cell viability



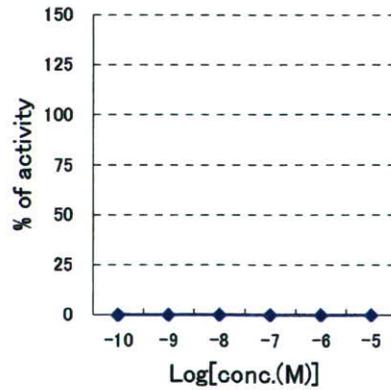
**TRβ-RXR agonist assay**

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



**TRβ-RXR antagonist assay**

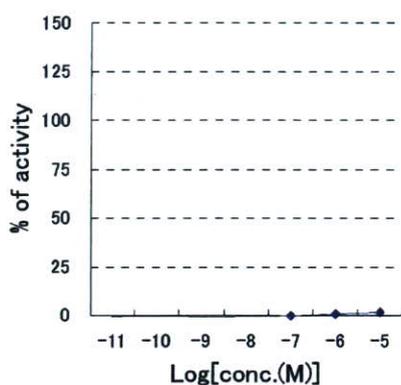
LOG[conc.(M)]	luc	ren
-5	0	0
-6	0	0
-7	0	0
-8	0	0
-9	0	0
-10	0	0



sample No. AR246  
 chemical name Cyclohexanol, 4-tert-butyl-, acetate  
 CAS. 32210-23-4

**AR agonist assay**

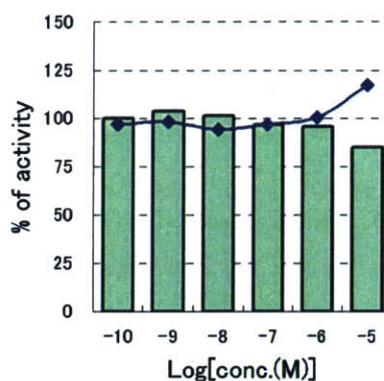
LOG[conc.(M)]	luc
-5	1.9
-6	0.8
-7	0.0
-8	-0.3
-9	-0.5
-10	-0.2
-11	-0.4



**AR antagonist assay**

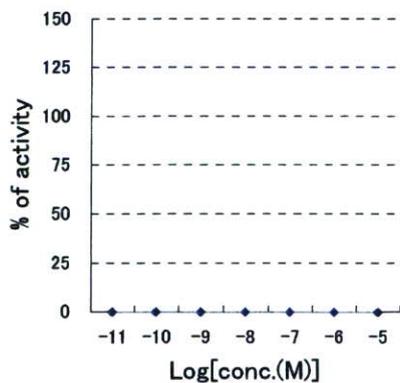
LOG[conc.(M)]	luc	ren
-5	117	85
-6	101	96
-7	97	97
-8	94	101
-9	98	104
-10	97	100

Cell viability



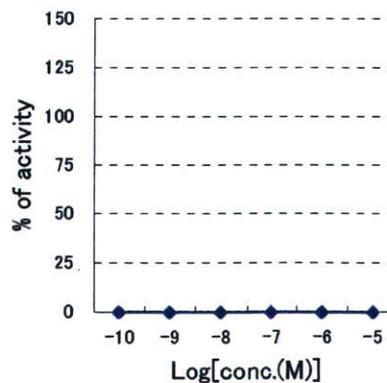
**TRβ-RXR agonist assay**

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



**TRβ-RXR antagonist assay**

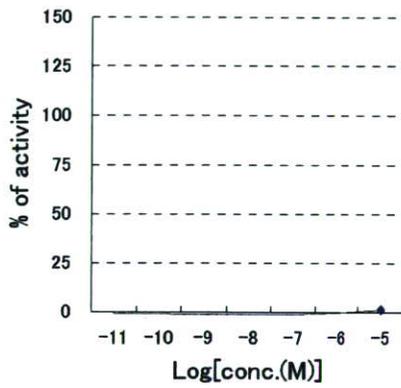
LOG[conc.(M)]	luc	ren
-5	0	0
-6	0	0
-7	0	0
-8	0	0
-9	0	0
-10	0	0



sample No. AR247  
 chemical name Morin  
 CAS. 480-16-0

**AR agonist assay**

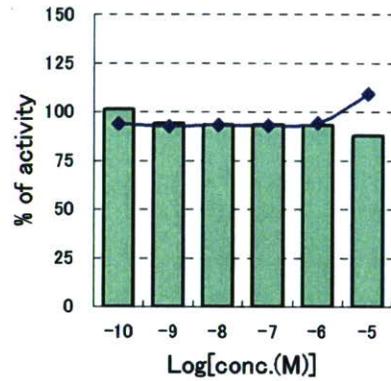
LOG[conc.(M)]	luc
-5	1.4
-6	-0.4
-7	-0.9
-8	-0.8
-9	-1.2
-10	-0.7
-11	-0.7



**AR antagonist assay**

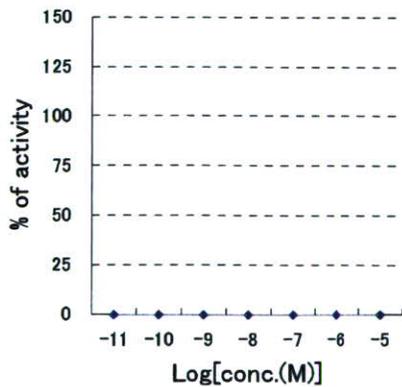
LOG[conc.(M)]	luc	ren
-5	109	88
-6	94	93
-7	93	94
-8	93	93
-9	93	94
-10	94	101

Cell viability



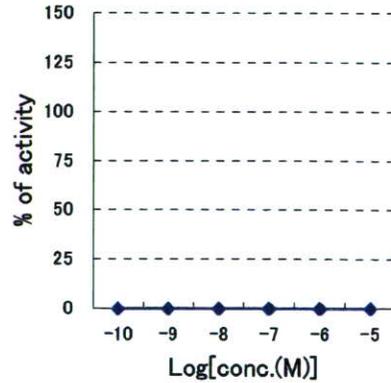
**TRβ-RXR agonist assay**

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



**TRβ-RXR antagonist assay**

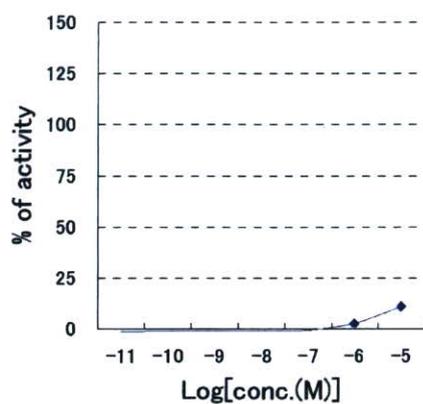
LOG[conc.(M)]	luc	ren
-5	0	0
-6	0	0
-7	0	0
-8	0	0
-9	0	0
-10	0	0



sample No. AR248  
 chemical name 3',4',7-trihydroxyisoflavone  
 CAS. 485-63-2

**AR agonist assay**

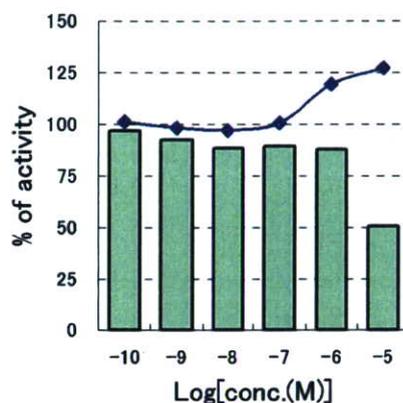
LOG[conc.(M)]	luc
-5	11.0
-6	2.6
-7	-0.7
-8	-0.8
-9	-0.9
-10	-1.0
-11	-1.1



**AR antagonist assay**

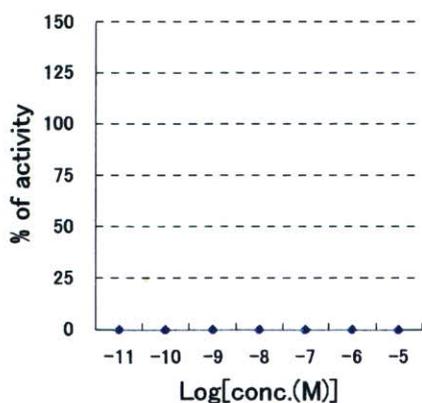
LOG[conc.(M)]	luc	ren
-5	127	50
-6	119	88
-7	101	89
-8	97	88
-9	98	92
-10	101	97

Cell viability



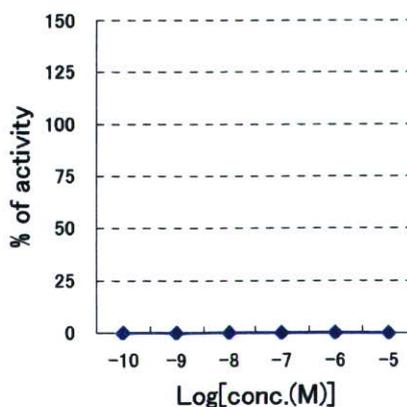
**TRβ-RXR agonist assay**

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



**TRβ-RXR antagonist assay**

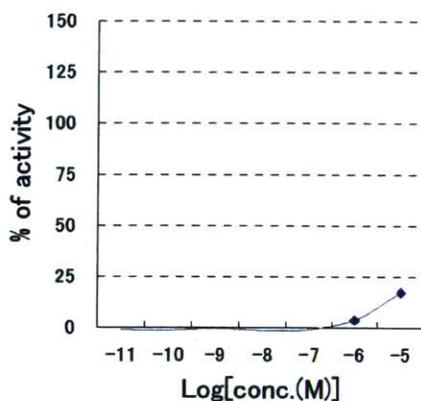
LOG[conc.(M)]	luc	ren
-5	0	0
-6	0	0
-7	0	0
-8	0	0
-9	0	0
-10	0	0



sample No. AR249  
 chemical name 4-Hexanoylresorcinol  
 CAS. 3144-54-5

**AR agonist assay**

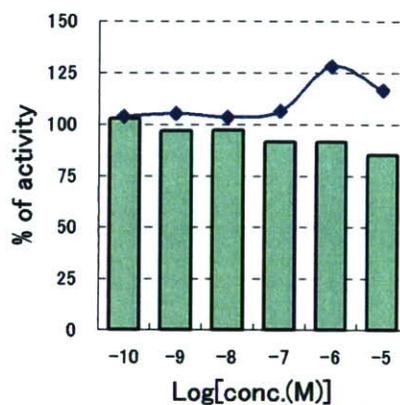
LOG[conc.(M)]	luc
-5	17.5
-6	3.9
-7	-0.5
-8	-1.1
-9	-0.3
-10	-1.2
-11	-1.0



**AR antagonist assay**

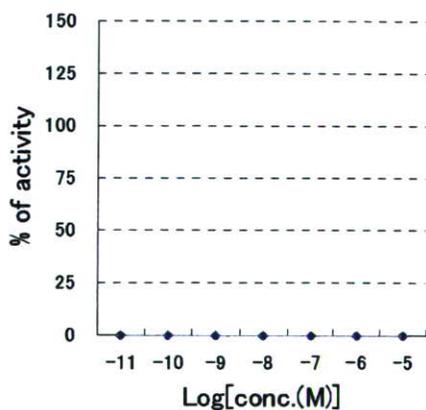
LOG[conc.(M)]	luc	ren
-5	117	85
-6	128	91
-7	106	91
-8	104	97
-9	105	97
-10	104	103

Cell viability



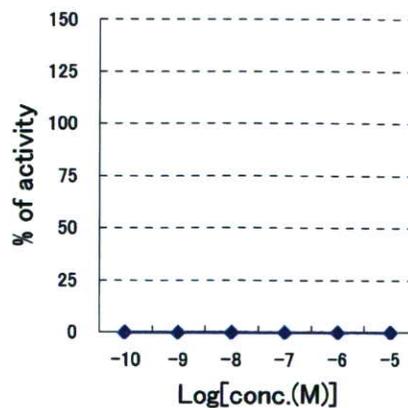
**TRβ-RXR agonist assay**

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



**TRβ-RXR antagonist assay**

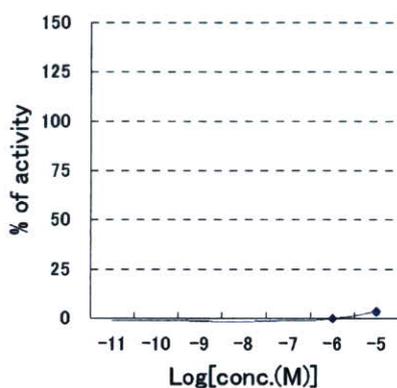
LOG[conc.(M)]	luc	ren
-5	0	0
-6	0	0
-7	0	0
-8	0	0
-9	0	0
-10	0	0



sample No. AR250  
 chemical name 6,3'-dihydroxyflavone  
 CAS. 1

**AR agonist assay**

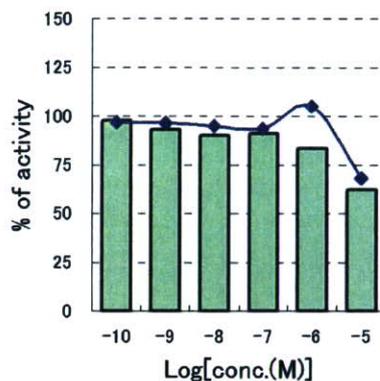
LOG[conc.(M)]	luc
-5	3.5
-6	0.0
-7	-1.3
-8	-1.7
-9	-1.4
-10	-1.0
-11	-1.3



**AR antagonist assay**

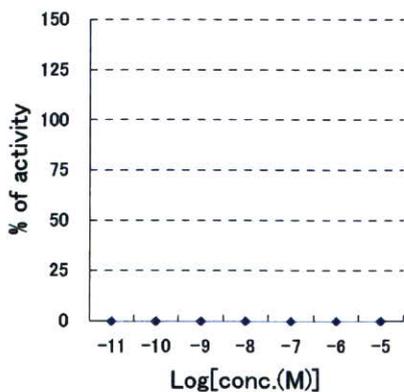
LOG[conc.(M)]	luc	ren
-5	68	62
-6	105	84
-7	94	91
-8	95	90
-9	97	93
-10	97	98

Cell viability



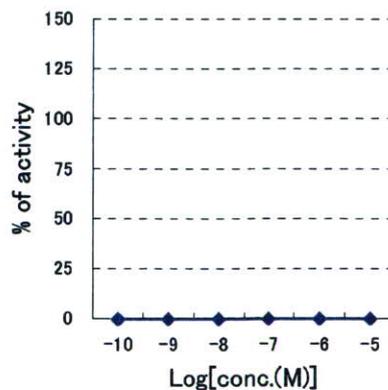
**TRβ-RXR agonist assay**

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



**TRβ-RXR antagonist assay**

LOG[conc.(M)]	luc	ren
-5	0	0
-6	0	0
-7	0	0
-8	0	0
-9	0	0
-10	0	0



測定結果 一覧

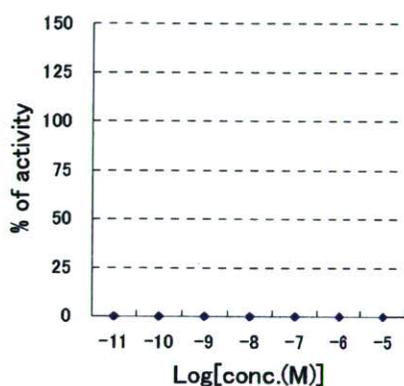
TR レポータージーンアッセイ

10 物質  
(TR191～TR200)

sample No. TR241  
 chemical name Clindamycin phosphate  
 CAS. 24729-96-2

**AR agonist assay**

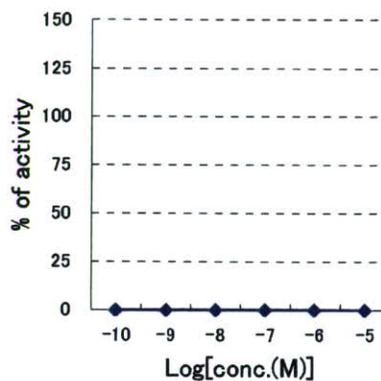
LOG[conc.(M)]	luc
-5	0.0
-6	0.0
-7	0.0
-8	0.0
-9	0.0
-10	0.0
-11	0.0



**AR antagonist assay**

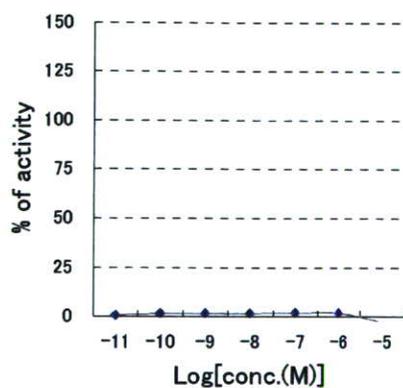
LOG[conc.(M)]	luc	ren
-5	0	0
-6	0	0
-7	0	0
-8	0	0
-9	0	0
-10	0	0

Cell viability



**TRβ-RXR agonist assay**

LOG[conc.(M)]	luc
-5	-2.5
-6	2.1
-7	2.0
-8	1.8
-9	1.9
-10	1.7
-11	0.8



**TRβ-RXR antagonist assay**

LOG[conc.(M)]	luc	ren
-5	87	98
-6	113	116
-7	102	113
-8	113	118
-9	100	117
-10	98	115

