Table 2. Compounds from the LOPAC Collection That Were Identified as Antagonists in Either the ERR or PGC/ERR Assays.[a]

Chemical Name	CASRN[b]	ERRα[c] (Antagonist)	ERRα[c] (Viability)	PGC-1α/ERRα[c] (Antagonist)	PGC-1α/ERRα[c] (Viability)
Methotrexate hydrate	133073-73-1	0.04	—	—	—
Aminopterin	54-62-6	0.05	—	0.06	—
Rotenone	83-79-4	0.07	1.33	0.04	6.68
(S)-(+)-Camptothecin	7689-03-4	0.12	—	—	—
Thapsigargin	67526-95-8	0.24	10.59	—	—
Papaverine hydrochloride	61-25-6	0.25	—	—	—
AC-93253 iodide	108527-83-9	0.30	8.41	0.42	3.76
Gemcitabine hydrochloride	122111-03-9	0.33	—	—	—
Artemether	71963-77-4	0.53	—	0.75	—
S-(p-Azidophenacyl)glutathione	73322-71-1	0.53	—	—	—
SB 205384	160296-13-9	0.53	—	—	—
Amsacrine hydrochloride	54301-15-4	0.75	23.71	—	—
Topotecan hydrochloride hydrate	123948-87-8 (free base)	0.75	—	—	—
RepSox	446859-33-2	1.33	—	1.19	—
Brefeldin A from *Penicillium brefeldianum*	20350-15-6	1.50	—	—	—
AGK2	304896-28-4	1.68	—	—	—
Auranofin	34031-32-8	1.68	9.44	—	—
Tyrphostin AG 879	148741-30-4	2.37	—	—	—
AMG 9810	545395-94-6	2.66	—	—	—
CP-471474	210755-45-6	2.66	—	—	—
Etoposide	33419-42-0	2.66	—	—	—
Staurosporine aglycone	85753-43-1	2.66	—	—	—
IRAK-1/4 inhibitor I	509093-47-4	2.82	—	—	—
BAY 61-3606 hydrochloride hydrate	732983-37-8	2.98	—	2.37	—
PD-184161	212631-67-9	2.98	—	—	—
PD-161570	192705-80-9	3.35	21.13	—	—
PAC-1[d]	315183-21-2	3.76	—	—	—
SB 242084 dihydrochloride hydrate	181632-25-7	4.73	26.60	—	—
Azoxystrobin	131860-33-8	4.86	30.64	—	—
4-Chloroaniline	106-47-8	6.11	—	—	—
XCT790	725247-18-7	6.68	—	3.35	—
PF-4708671	1255517-76-0	6.68	—	—	—
MG 624	77257-42-2	9.44	—	12.59	—
SMER28	307538-42-7	9.44	—	10.59	—
NSC 95397	93718-83-3	9.44	—	—	—
SB 202190	152121-30-7	10.59	—	—	—
WIN 62,577	138091-43-7	10.59	—	—	—
3-(1H-Imidazol-4-yl)propyl di(p-fluorophenyl)methyl ether hydrochloride	182069-10-9	11.22	—	—	—
R(+)-Butylindazone	81166-47-4	11.22	—	—	—
U0126	109511-58-2	11.22	—	—	—
TG003	719277-26-6	11.88	—	4.73	—
Clotrimazole	23593-75-1	11.88	—	—	—
Dipyridamole	58-32-2	11.88	—	—	—
Progesterone	57-83-0	11.88	—	—	—
AA-861	80809-81-0	12.59	—	—	—
Danazol	17230-88-5	14.96	—	—	—
Ritanserin	87051-43-2	16.79	—	—	—
4,5,6,7-Tetrabromobenz-imidazole	577779-57-8	16.79	—	—	—
Trequinsin hydrochloride	78416-81-6	16.79	—	—	—
SKF 96365	130495-35-1	17.78	—	—	—
4,5,6,7-Tetrabromobenzo-triazole	17374-26-4	18.83	—	21.13	—
Spironolactone	52-01-7	18.83	—	9.44	—
H-8 dihydrochloride	113276-94-1	21.13	—	—	—
Mifepristone	84371-65-3	23.71	—	—	—
MK-886	118414-82-7	—	—	17.78	—
3-Deazaadenosine	6736-58-9	—	—	16.79	—
Actinonin	13434-13-4	—	—	8.91	—

[a]IC_{50} values in μM; dash indicates inactive or inconclusive response.
[b]Chemical Abstracts Service (CAS) Registry Number.
[c]Antagonists must have an IC_{50} value at least five-fold lower than the IC_{50} value in the viability assay (antagonism must be demonstrated independently of decreased viability).
[d]Precaspase-activating compound 1.

Table 2. Compounds from the LOPAC Collection That Were Identified as Antagonists in Either the ERR or PGC/ERR Assays.a