

**Table 3A.** Activities ( $AC_{50}$ ) of ERR and PGC/ERR Agonists in Other qHTS Agonist Screens with the LOPAC Collection.

Chemical Name	ERR ↑	PGC- ERR ↑	ER ↑	AR ↑	TR ↑	RAR ↑	AhR ↑	TSHR ↑	API ↑	Nrf2 ↑	MitoTox ↑	ATAD5 ↑	TP53 ↑
Apigenin	5.48	5.63	4.64	0.00	0.00	5.78	5.28	0.00	0.00	0.00	5.24	0.00	0.00
BF-170 hydrochloride	5.58	5.78	6.54	0.00	0.00	6.53	4.63	0.00	0.00	0.00	4.89	5.74	0.00
BIO	5.78	5.93	0.00	0.00	0.00	0.00	5.48	0.00	0.00	0.00	7.44	6.14	4.89
Daidzein	4.88	4.68	5.74	0.00	0.00	5.68	0.00	0.00	0.00	0.00	0.00	4.69	0.00
Genistein	5.53	5.48	5.34	0.00	0.00	5.63	0.00	0.00	0.00	0.00	4.74	4.79	0.00
Kenpaullone	5.53	5.88	4.74	0.00	0.00	6.93	5.53	0.00	0.00	5.49	5.59	6.24	0.00
Phorbol 12-myristate 13-acetate	8.08	8.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.09	8.04	0.00
Piceatannol	5.08	4.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.74	5.24	0.00	0.00
Resveratrol	5.48	4.93	4.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.14	5.24	0.00
Rutaecarpine	5.63	4.88	5.24	0.00	0.00	6.28	5.53	0.00	4.92	5.09	5.19	5.24	0.00
SB 206553 hydrochloride	4.88	4.88	NA	NA	NA	5.18	6.38	0.00	0.00	NA	NA	NA	NA

Gray shades, active; NA, not tested; 0, inactive or inconclusive;  $AC_{50}$ ,  $\log_{10}(M)^*$  – I transformed; ER, estrogen receptor; AR, androgen receptor; TR, thyroid receptor; RAR, retinoic acid receptor; AhR, aryl hydrocarbon receptor; BIO, 6-Bromoindirubin-3'-oxime; TSHR, thyroid-stimulating hormone receptor; API, activator protein I; MitoTox, mitochondrial toxicity.

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