

Table 1: Effective concentrations for half-maximal luciferase activity (EC_{50}) of benzophenone derivatives on transcriptional activation through hERs and rtER α .

Ligands	MELN	HELN-ER α	HELN-ER β	HELN- $\Delta\Delta$ /BER α	HELN- $\Delta\Delta$ /BER β	HELN-rtER α
EC_{50} (nM)						
E₂	0.014 \pm 0.005	0.019 \pm 0.008	0.067 \pm 0.007	0.093 \pm 0.018	0.58 \pm 0.03	0.19 \pm 0.02
BP1	9,192 \pm 640	8,513 \pm 198	3,965 \pm 215	19,495 \pm 5,000	> 30,000	3,477 \pm 510
BP2	3,284 \pm 231	1,749 \pm 83	585 \pm 69	2,397 \pm 107	765 \pm 92	161 \pm 18
BP3	20,315 \pm 1,513	> 30,000	ne	ne	ne	18,426 \pm 1,213
THB	4,012 \pm 345	2,272 \pm 109	827 \pm 74	3,761 \pm 498	1,649 \pm 195	578 \pm 39

(ne) no effect