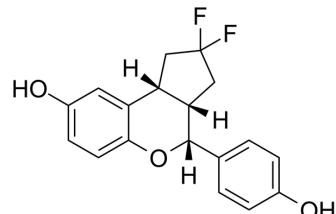


Estrogen receptor modulator 6

Cat. No.:	HY-138690
CAS No.:	787621-78-7
Molecular Formula:	C ₁₈ H ₁₆ F ₂ O ₃
Molecular Weight:	318.31
Target:	Estrogen Receptor/ERR
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Estrogen receptor modulator 6 (compound 3a) is a selective estrogen receptor (ER) β agonist ($K_i=0.44$ nM). Estrogen receptor modulator 6 displays 19-fold selectivity for ER β over ER α ($K_i=8.4$ nM) ^[1] .	
IC₅₀ & Target	ER β 0.44 nM (K _i)	ER α 8.4 nM (K _i)

REFERENCES

[1]. Richardson TI, et al. Benzopyrans as selective estrogen receptor beta agonists (SERBAs). Part 5: Combined A- and C-ring structure-activity relationship studies. Bioorg Med Chem Lett. 2007;17(20):5563-5566.

Caution: Product has not been fully validated for medical applications. For research use only.

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