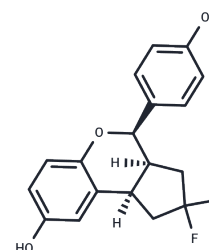


Estrogen receptor modulator 6

Chemical Properties

CAS No. :	787621-78-7
Formula:	C ₁₈ H ₁₆ F ₂ O ₃
Molecular Weight:	318.32
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Estrogen receptor modulator 6 (compound 3a) is a highly specific and potent agonist of the estrogen receptor (ER) β , exhibiting remarkable affinity ($K_i = 0.44$ nM) and impressive 19-fold selectivity for ER β over ER α , as evidenced by its affinity ($K_i = 8.4$ nM).
Targets(IC50)	Estrogen Receptor/ERR,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1415 mL	15.7075 mL	31.4149 mL
5 mM	0.6283 mL	3.1415 mL	6.283 mL
10 mM	0.3141 mL	1.5707 mL	3.1415 mL
50 mM	0.0628 mL	0.3141 mL	0.6283 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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.

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