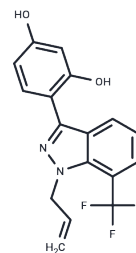


WAY-169916

Chemical Properties

CAS No. : 669764-18-5
 Formula: C₁₇H₁₃F₃N₂O₂
 Molecular Weight: 334.29
 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	WAY-169916 is a pathway-selective inhibitor of estrogen receptor (ER), inhibiting NF-κB transcriptional activity while being devoid of conventional estrogenic activity.
Targets(IC50)	Estrogen Receptor/ERR,NF-κB

Solubility Information

Solubility	DMSO: 55 mg/mL (164.53 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9914 mL	14.9571 mL	29.9141 mL
5 mM	0.5983 mL	2.9914 mL	5.9828 mL
10 mM	0.2991 mL	1.4957 mL	2.9914 mL
50 mM	0.0598 mL	0.2991 mL	0.5983 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

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Bruning JB, Parent AA, Gil G, Zhao M, Nowak J, Pace MC, Smith CL, Afonine PV, Adams PD, Katzenellenbogen JA, Nettles KW. Coupling of receptor conformation and ligand orientation determine graded activity. *Nat Chem Biol*. 2010 Nov;6(11):837-43. doi: 10.1038/nchembio.451. Epub 2010 Oct 10. PubMed PMID: 20924370; PubMed Central PMCID: PMC2974172.

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