

WAY-620445

Chemical Properties

CAS No. : 728924-73-0

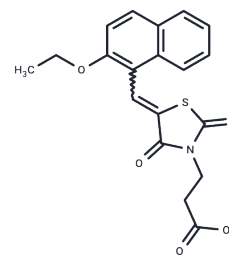
Formula: C₁₉H₁₇NO₄S₂

Molecular Weight: 387.47

Keep away from direct sunlight

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-620445 is a bioactive experimental molecule primarily used for biochemical reaction research. It is frequently used as a pharmacological tool in in vitro experimental models.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (206.47 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	2.5808 mL	12.9042 mL	25.8084 mL
5 mM	0.5162 mL	2.5808 mL	5.1617 mL
10 mM	0.2581 mL	1.2904 mL	2.5808 mL
50 mM	0.0516 mL	0.2581 mL	0.5162 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

Wu F, Wang J, Wang Y, et al. Estrogen-related receptor α (ERR α) inverse agonist XCT-790 induces cell death in chemotherapeutic resistant cancer cells[J]. Chemico-biological interactions, 2009, 181(2): 236-242.

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