

WAY-311474

Chemical Properties

CAS No. : 569313-77-5

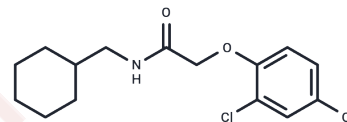
Formula: C₁₅H₁₉Cl₂N₂O₂

Molecular Weight: 316.22

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-311474 is a high-purity biochemical reagent suitable for biochemical experiments and drug syntheses in research.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (252.99 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	3.1624 mL	15.8118 mL	31.6236 mL
5 mM	0.6325 mL	3.1624 mL	6.3247 mL
10 mM	0.3162 mL	1.5812 mL	3.1624 mL
50 mM	0.0632 mL	0.3162 mL	0.6325 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

Koch MF, et al. Structural, Biochemical, and Computational Studies Reveal the Mechanism of Selective Aldehyde Dehydrogenase 1A1 Inhibition by Cytotoxic Duocarmycin Analogues. *Angew Chem Int Ed Engl.* 2015 Nov 9;54(46):13550-4.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481