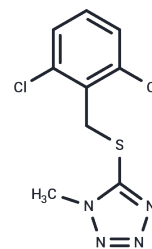


WAY-612453

Chemical Properties

CAS No. : 300809-10-3
 Formula: C₉H₈Cl₂N₄S
 Molecular Weight: 275.16
 Storage: Keep away from direct sunlight
 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-612453 is a high-purity biochemical reagent suitable for biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (290.74 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	3.6342 mL	18.1712 mL	36.3425 mL
5 mM	0.7268 mL	3.6342 mL	7.2685 mL
10 mM	0.3634 mL	1.8171 mL	3.6342 mL
50 mM	0.0727 mL	0.3634 mL	0.7268 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

Liu B, et al. Discovery of YK-029A, a novel mutant EGFR inhibitor targeting both T790 M and exon 20 insertion mutations, as a treatment for NSCLC. Eur J Med Chem. 2023 Oct 5;258:115590.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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