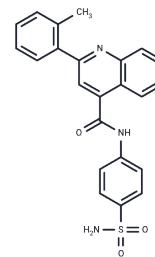


WAY-324728

Chemical Properties

CAS No. : 544670-38-4
Formula: C₂₃H₁₉N₃O₃S
Molecular Weight: 417.48
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-324728 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 (191.63 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3953 mL	11.9766 mL	23.9532 mL
5 mM	0.4791 mL	2.3953 mL	4.7906 mL
10 mM	0.2395 mL	1.1977 mL	2.3953 mL
50 mM	0.0479 mL	0.2395 mL	0.4791 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

Chen C, Lei Q, Geng W, et al. Discovery of novel pyridazine herbicides targeting phytoene desaturase with scaffold hopping[J]. Journal of Agricultural and Food Chemistry, 2024, 72(22): 12425-12433.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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