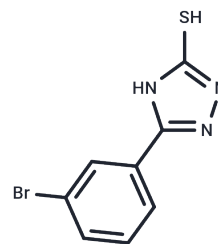


Tyrosinase-IN-16

Chemical Properties

CAS No. :	126651-85-2
Formula:	C ₈ H ₆ BrN ₃ S
Molecular Weight:	256.12
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	Tyrosinase-IN-16 inhibited tyrosinase.
Targets(IC50)	BTK,Tyrosinase

Solubility Information

Solubility	DMSO: 250 mg/mL (976.1 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	3.9044 mL	19.5221 mL	39.0442 mL
5 mM	0.7809 mL	3.9044 mL	7.8088 mL
10 mM	0.3904 mL	1.9522 mL	3.9044 mL
50 mM	0.0781 mL	0.3904 mL	0.7809 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

Zhou W, et al. Development of phenyltriazole thiol-based derivatives as highly potent inhibitors of DCN1-UBC12 interaction. Eur J Med Chem. 2021;217:113326.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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