

TI17

Chemical Properties

CAS No. : 1005178-02-8

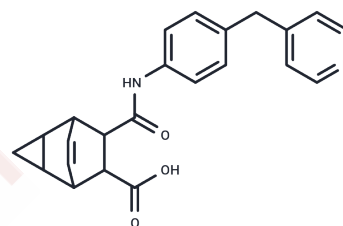
Formula: C₂₃H₂₂N₂O₃

Molecular Weight: 374.43

Store at low temperature

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	TI17 is a selective TRIP13 inhibitor with anticancer activity that inhibits the proliferation of multiple myeloma (MM) cells and induces cycle arrest and apoptosis in MM cells.
Targets(IC50)	Apoptosis,Thyroid hormone receptor(THR)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6707 mL	13.3536 mL	26.7073 mL
5 mM	0.5341 mL	2.6707 mL	5.3415 mL
10 mM	0.2671 mL	1.3354 mL	2.6707 mL
50 mM	0.0534 mL	0.2671 mL	0.5341 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

Chang S, et al. TI17, a novel compound, exerts anti-MM activity by impairing Trip13 function of DSBs repair and enhancing DNA damage. Cancer Med. 2023 Dec;12(23):21321-21334.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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