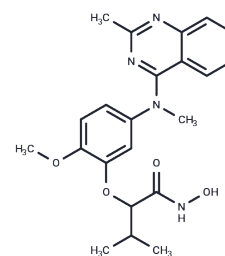


Microtubule destabilizing agent-1

Chemical Properties

CAS No. :	2850370-28-2
Formula:	C ₂₂ H ₂₆ N ₄ O ₄
Molecular Weight:	410.47
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	Compound 12b (Microtubule Destabilizing Agent-1), a hydroxamic acid-based microtubule destabilizing agent (MDA), exhibits potent antitumor activity, favorable metabolic stability, and high bioavailability, making it a promising candidate for further investigation as an MDA [1].
Targets(IC50)	Others, Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4362 mL	12.1812 mL	24.3623 mL
5 mM	0.4872 mL	2.4362 mL	4.8725 mL
10 mM	0.2436 mL	1.2181 mL	2.4362 mL
50 mM	0.0487 mL	0.2436 mL	0.4872 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.

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