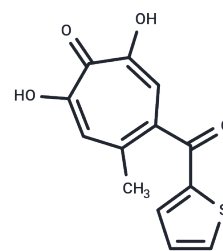


Antifungal agent 48

Chemical Properties

CAS No. :	2142003-75-4
Formula:	C ₁₃ H ₁₀ O ₄ S
Molecular Weight:	262.28
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	Antifungal agent 48 (Example 308), active against Cryptococcus neoformans, exhibits a minimum inhibitory concentration (MIC) value of 11 µM [1].
Targets(IC50)	Others,Antifungal
In vitro	Antifungal agent 48 (Example 308) exhibited cytotoxicity in HepDES 19 cells after 48 hours (48h), with a CC50 value of 24 µM [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8127 mL	19.0636 mL	38.1272 mL
5 mM	0.7625 mL	3.8127 mL	7.6254 mL
10 mM	0.3813 mL	1.9064 mL	3.8127 mL
50 mM	0.0763 mL	0.3813 mL	0.7625 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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