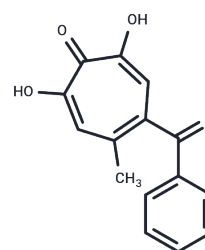


Antifungal agent 49

Chemical Properties

CAS No. :	1414861-21-4
Formula:	C ₁₅ H ₁₂ O ₄
Molecular Weight:	256.25
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 49 (Example 112) demonstrates activity against Cryptococcus neoformans with a minimum inhibitory concentration (MIC) of 49 µM [1].
Targets(IC50)	Others,Antifungal
In vitro	Antifungal agent 49 (Example 112) demonstrated cytotoxicity in HepDES 19 cells after a 48-hour exposure, with a CC50 value of 79 µM [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9024 mL	19.5122 mL	39.0244 mL
5 mM	0.7805 mL	3.9024 mL	7.8049 mL
10 mM	0.3902 mL	1.9512 mL	3.9024 mL
50 mM	0.078 mL	0.3902 mL	0.7805 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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