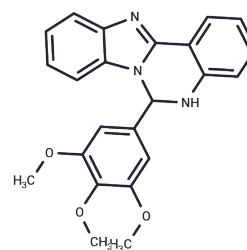


WAY-324208

Chemical Properties

CAS No. : 387371-82-6
 Formula: C₂₃H₂₁N₃O₃
 Molecular Weight: 387.43
 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	WAY-324208 shows antifungal properties against <i>S. dermatitidis</i> (skin-infecting fungi), with activity against other fungi to be explored.
Targets(IC50)	Antifungal

Solubility Information

Solubility	DMSO: 60 mg/mL (154.87 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	2.5811 mL	12.9056 mL	25.8111 mL
5 mM	0.5162 mL	2.5811 mL	5.1622 mL
10 mM	0.2581 mL	1.2906 mL	2.5811 mL
50 mM	0.0516 mL	0.2581 mL	0.5162 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

Insuasty B A, et al. Synthesis, characterization and in vitro antifungal evaluation of novel benzimidazo [1, 2-c] quinazolines. Journal of the Chilean Chemical Society. 2006;51(2): 927-932.

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