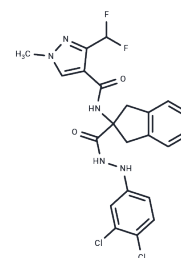


Succinate dehydrogenase-IN-8

Chemical Properties

CAS No. : 3030753-68-2
 Formula: C₂₂H₁₉Cl₂F₂N₅O₂
 Molecular Weight: 494.32
 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	Succinate dehydrogenase-IN-8 (compound i19) is a potent inhibitor of succinate dehydrogenase (SDH). This indanoyl amino acid derivative demonstrates strong antifungal activity in vitro against <i>Rhizoctonia solani</i> (EC ₅₀ = 0.1843 mg/L), <i>Botrytis cinerea</i> (EC ₅₀ = 0.4829 mg/L), and <i>Sclerotinia sclerotiorum</i> (EC ₅₀ = 0.1349 mg/L).
Targets(IC ₅₀)	Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.023 mL	10.1149 mL	20.2298 mL
5 mM	0.4046 mL	2.023 mL	4.046 mL
10 mM	0.2023 mL	1.0115 mL	2.023 mL
50 mM	0.0405 mL	0.2023 mL	0.4046 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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