

Succinate dehydrogenase-IN-5

Chemical Properties

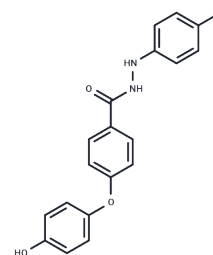
CAS No. :

Formula: C₁₉H₁₅FN₂O₃

Molecular Weight: 338.332

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-5 (Compound M8) acts as an inhibitor of succinate dehydrogenase. It disrupts energy metabolism and growth in fungi and is effective against <i>Rhizoctonia solani</i> , <i>Sclerotinia sclerotiorum</i> , <i>Botrytis cinerea</i> , and <i>Fusarium graminearum</i> , with an EC ₅₀ of less than 0.3 µg/mL.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9557 mL	14.7785 mL	29.5569 mL
5 mM	0.5911 mL	2.9557 mL	5.9114 mL
10 mM	0.2956 mL	1.4778 mL	2.9557 mL
50 mM	0.0591 mL	0.2956 mL	0.5911 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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