

SDH-IN-23

Chemical Properties

CAS No. :

Formula: C19H11ClF6N2O2

Molecular Weight: 448.75

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	SDH-IN-23 (Compound B21) is an SDH inhibitor with exceptional nematicidal activity. It can suppress nematode feeding, reproduction, and embryonic development while also inducing lethal effects through mechanisms such as oxidative stress, intestinal damage, and SDH inhibition.
Targets(IC50)	Others,Reactive Oxygen Species,ROS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2284 mL	11.1421 mL	22.2841 mL
5 mM	0.4457 mL	2.2284 mL	4.4568 mL
10 mM	0.2228 mL	1.1142 mL	2.2284 mL
50 mM	0.0446 mL	0.2228 mL	0.4457 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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