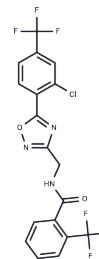


SDH-IN-11

## Chemical Properties

CAS No. : 2998946-58-8  
 Formula: C<sub>18</sub>H<sub>10</sub>ClF<sub>6</sub>N<sub>3</sub>O<sub>2</sub>  
 Molecular Weight: 449.73  
 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-11 (compound A7), a succinate dehydrogenase (SDH) inhibitor, effectively curtails nematode feeding, reproduction, and egg hatching. It induces oxidative stress and intestinal damage in nematodes. Additionally, SDH-IN-11 impedes the enzymatic activity of SDH within these organisms [1].
Targets(IC50)	Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2236 mL	11.1178 mL	22.2356 mL
5 mM	0.4447 mL	2.2236 mL	4.4471 mL
10 mM	0.2224 mL	1.1118 mL	2.2236 mL
50 mM	0.0445 mL	0.2224 mL	0.4447 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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