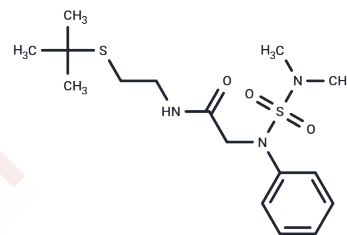


CDA-IN-3

## Chemical Properties

CAS No. : 932889-57-1  
 Formula: C16H27N3O3S2  
 Molecular Weight: 373.534  
 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	CDA-IN-3 (NCDI) is a chitin deacetylase (CDA) inhibitor with antiparasitic properties. It disrupts chitin metabolism in nematodes, increasing ROS levels within these organisms and causing cellular damage. CDA-IN-3 significantly inhibits all developmental stages of <i>Caenorhabditis elegans</i> and can be utilized in research focused on anti-infective applications.
Targets(IC50)	Reactive Oxygen Species,Parasite,Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6772 mL	13.3858 mL	26.7716 mL
5 mM	0.5354 mL	2.6772 mL	5.3543 mL
10 mM	0.2677 mL	1.3386 mL	2.6772 mL
50 mM	0.0535 mL	0.2677 mL	0.5354 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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