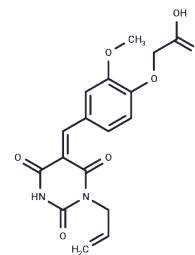


## CDA-IN-2

## Chemical Properties

CAS No. :	2559404-67-8
Formula:	C17H16N2O7
Molecular Weight:	360.318
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-2 (Compound VS#2-3) is an inhibitor of chitin deacetylase (CDA) that exhibits antifungal properties. At a concentration of 100 $\mu$ M, it inhibits <i>P. xanthii</i> 's CDAPxCDA1 by 83.7% and PxCDA2 by 74.5%. CDA-IN-2 is applicable in research on agricultural fungal diseases, including resistance to powdery mildew and gray mold.
Targets(IC50)	Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7753 mL	13.8766 mL	27.7531 mL
5 mM	0.5551 mL	2.7753 mL	5.5506 mL
10 mM	0.2775 mL	1.3877 mL	2.7753 mL
50 mM	0.0555 mL	0.2775 mL	0.5551 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

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481