

CDC25-IN-2

## Chemical Properties

CAS No. : 116452-88-1  
Formula: C17H26O5  
Molecular Weight: 310.39  
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	CDC25-IN-2 (Compound 1d) is a selective inhibitor of the phosphatase Cdc25, exhibiting IC50 values of 44.4, 55.2, and 53.9 $\mu$ M for human Cdc25A, Cdc25B, and Cdc25C respectively. By inhibiting Cdc25 phosphatase activity, CDC25-IN-2 can halt cell cycle progression and is applicable for cancer research.
Targets(IC50)	Phosphatase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2218 mL	16.1088 mL	32.2175 mL
5 mM	0.6444 mL	3.2218 mL	6.4435 mL
10 mM	0.3222 mL	1.6109 mL	3.2218 mL
50 mM	0.0644 mL	0.3222 mL	0.6444 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481