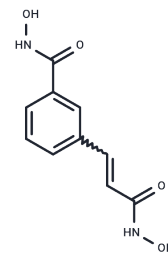


CBHA

## Chemical Properties

CAS No. : 174664-65-4  
 Formula: C<sub>10</sub>H<sub>10</sub>N<sub>2</sub>O<sub>4</sub>  
 Molecular Weight: 222.2  
 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	m-Carboxycinnamic acid bishydroxamide, an effective HDAC inhibitor, shows ID50 values of 10 nM for HDAC1 and 70 nM for HDAC3 in vitro, demonstrating its potent activity. Additionally, it promotes apoptosis and inhibits tumor growth, highlighting its therapeutic potential [1][2].
Targets(IC50)	Others,HDAC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5005 mL	22.5023 mL	45.0045 mL
5 mM	0.9001 mL	4.5005 mL	9.0009 mL
10 mM	0.450 mL	2.2502 mL	4.5005 mL
50 mM	0.090 mL	0.450 mL	0.9001 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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