

## HDAC6-IN-35

## Chemical Properties

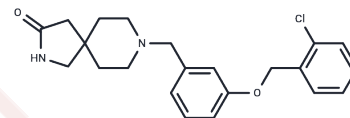
CAS No. : 1394615-06-5

Formula: C<sub>22</sub>H<sub>25</sub>ClN<sub>2</sub>O<sub>2</sub>

Molecular Weight: 384.9

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	HDAC6-IN-35, also known as compound C4 (ZINC000077541942), is an effective HDAC6 inhibitor with an IC <sub>50</sub> of 4.7 μM and is capable of crossing the blood-brain barrier. It exhibits cytotoxicity against MDA-MB-231 cells with an EC <sub>50</sub> of 40.6 μM [1].
Targets(IC <sub>50</sub> )	HDAC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5981 mL	12.9904 mL	25.9808 mL
5 mM	0.5196 mL	2.5981 mL	5.1962 mL
10 mM	0.2598 mL	1.299 mL	2.5981 mL
50 mM	0.052 mL	0.2598 mL	0.5196 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