

## HDAC-IN-81

### Chemical Properties

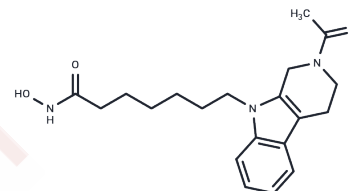
CAS No. : 2787560-44-3

Formula: C<sub>20</sub>H<sub>27</sub>N<sub>3</sub>O<sub>3</sub>

Molecular Weight: 357.45

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	HDAC-IN-81 (Compound 11g) is an HDAC inhibitor capable of effectively inhibiting HDAC1 with an IC <sub>50</sub> value of 4.5 nM. Additionally, it exhibits anticancer activity by inhibiting cell proliferation and can induce cell apoptosis (apoptosis).
Targets(IC <sub>50</sub> )	Apoptosis,HDAC

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7976 mL	13.988 mL	27.9759 mL
5 mM	0.5595 mL	2.7976 mL	5.5952 mL
10 mM	0.2798 mL	1.3988 mL	2.7976 mL
50 mM	0.056 mL	0.2798 mL	0.5595 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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