

XP5

## Chemical Properties

CAS No. :

Formula: C19H25N3O5S

Molecular Weight: 407.48

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	XP5 is a potent, orally active HDAC6 inhibitor (IC <sub>50</sub> = 31 nM) that inhibits the proliferation of various cancer cell lines, including HDACi-resistant YCC3/7 gastric cancer cells (IC <sub>50</sub> =0.16-2.31 μM).
Targets(IC <sub>50</sub> )	Others,HDAC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4541 mL	12.2705 mL	24.5411 mL
5 mM	0.4908 mL	2.4541 mL	4.9082 mL
10 mM	0.2454 mL	1.2271 mL	2.4541 mL
50 mM	0.0491 mL	0.2454 mL	0.4908 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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