

## KDM5-C49 hydrochloride

## Chemical Properties

CAS No. :

Formula: C<sub>15</sub>H<sub>25</sub>ClN<sub>4</sub>O<sub>3</sub>

Molecular Weight: 344.84

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	KDM5-C49 (KDOAM-20) hydrochloride is a potent, selective inhibitor of the KDM5 family of demethylases, with IC <sub>50</sub> values of 40 nM for KDM5A, 160 nM for KDM5B, and 100 nM for KDM5C. This compound is utilized in cancer research [1].
Targets(IC <sub>50</sub> )	Histone Demethylase,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8999 mL	14.4995 mL	28.999 mL
5 mM	0.580 mL	2.8999 mL	5.7998 mL
10 mM	0.290 mL	1.4499 mL	2.8999 mL
50 mM	0.058 mL	0.290 mL	0.580 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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