

KDM5-C49 hydrochloride

Chemical Properties

CAS No. :

Formula: C₁₅H₂₅ClN₄O₃

Molecular Weight: 344.84

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	KDM5-C49 (KDOAM-20) hydrochloride is a potent, selective inhibitor of the KDM5 family of demethylases, demonstrating IC ₅₀ values of 40 nM for KDM5A, 160 nM for KDM5B, and 100 nM for KDM5C, respectively. This compound is utilized in cancer research [1].
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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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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