

CM-579 trihydrochloride

Chemical Properties

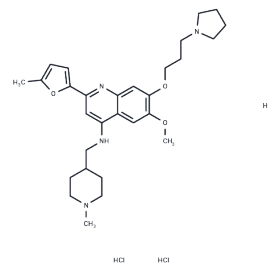
CAS No. :

Formula: C₂₉H₄₃Cl₃N₄O₃

Molecular Weight: 602.04

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	CM-579 trihydrochloride, a first-in-class reversible, dual inhibitor of G9a and DNMT, exhibits potent in vitro cellular activity across a broad spectrum of cancer cells. It demonstrates inhibition with IC ₅₀ values of 16 nM for G9a and 32 nM for DNMT, respectively.
Targets(IC ₅₀)	Others, Histone Methyltransferase, DNA Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.661 mL	8.3051 mL	16.6102 mL
5 mM	0.3322 mL	1.661 mL	3.322 mL
10 mM	0.1661 mL	0.8305 mL	1.661 mL
50 mM	0.0332 mL	0.1661 mL	0.3322 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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