

PRMT5-IN-1 hydrochloride

Chemical Properties

CAS No. :

Formula: C₁₉H₂₀Cl₂N₄O₅

Molecular Weight: 455.29

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	PRMT5 IN-1 hydrochloride (compound 9) is a hemiacetalamine and a potent inhibitor of selective protein arginine methyltransferase 5 (PRMT5), exhibiting an inhibitory effect on PRMT5/MEP50 with an IC ₅₀ of 11 nM. Under physiological conditions, it can be converted to an aldehyde and reacts with C449 to form a covalent adduct.
Targets(IC50)	Others,Histone Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1964 mL	10.982 mL	21.964 mL
5 mM	0.4393 mL	2.1964 mL	4.3928 mL
10 mM	0.2196 mL	1.0982 mL	2.1964 mL
50 mM	0.0439 mL	0.2196 mL	0.4393 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.

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