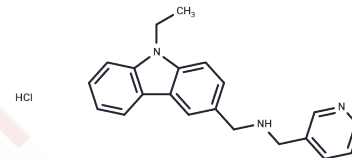


Prmt5-IN-20 chloride

Chemical Properties

CAS No. :	1047976-55-5
Formula:	C ₂₁ H ₂₂ ClN ₃
Molecular Weight:	351.87
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-20 chloride is a potent protein arginine methyltransferase 5 (PRMT5) inhibitor. It strongly disrupts the activation of oncogenic transcriptional programs by blocking the symmetric dimethylation of histone and non-histone proteins, exhibiting outstanding anti-proliferative activity in various hematological and solid tumor models.
Targets(IC50)	Histone Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.842 mL	14.2098 mL	28.4196 mL
5 mM	0.5684 mL	2.842 mL	5.6839 mL
10 mM	0.2842 mL	1.421 mL	2.842 mL
50 mM	0.0568 mL	0.2842 mL	0.5684 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.

Reference

Watz H, Barnacle H, Hartley B F, et al. Efficacy and safety of the p38 MAPK inhibitor losmapimod for patients with chronic obstructive pulmonary disease: a randomised, double-blind, placebo-controlled trial[J]. The Lancet Respiratory Medicine, 2014, 2(1): 63-72.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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