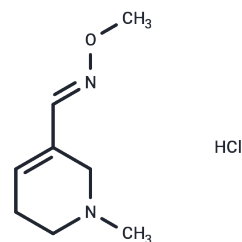


Milameline hydrochloride

Chemical Properties

CAS No. :	139886-04-7
Formula:	C ₈ H ₁₅ ClN ₂ O
Molecular Weight:	190.67
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	Milameline hydrochloride is a Muscarinic receptor agonist.
Targets(IC50)	Others,AChR

Solubility Information

Solubility	H ₂ O: <19.07 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.2447 mL	26.2233 mL	52.4466 mL
5 mM	1.0489 mL	5.2447 mL	10.4893 mL
10 mM	0.5245 mL	2.6223 mL	5.2447 mL
50 mM	0.1049 mL	0.5245 mL	1.0489 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

Grembecka J, He S, Shi A, et al. Menin-MLL inhibitors reverse oncogenic activity of MLL fusion proteins in leukemia [J]. Nature chemical biology, 2012, 8(3): 277-284.

Borkin D, He S, Miao H, et al. Pharmacologic inhibition of the Menin-MLL interaction blocks progression of MLL leukemia in vivo[J]. Cancer Cell, 2015, 27(4): 589-602.

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