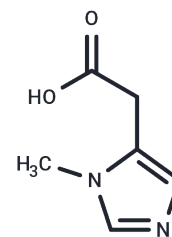


Pi-Methylimidazoleacetic acid hydrochloride

Chemical Properties

CAS No. :	1071661-55-6
Formula:	C ₆ H ₉ ClN ₂ O ₂
Molecular Weight:	176.6
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

HCl



Biological Description

Description	Pi-Methylimidazoleacetic acid hydrochloride is a compound related to histamine metabolism, which may have neurotoxic effect.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: 125.00 mg/mL (707.81 mM),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	5.6625 mL	28.3126 mL	56.6251 mL
5 mM	1.1325 mL	5.6625 mL	11.325 mL
10 mM	0.5663 mL	2.8313 mL	5.6625 mL
50 mM	0.1133 mL	0.5663 mL	1.1325 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

George D. Prell. pros-Methylimidazoleacetic Acid: A Potential Neurotoxin in Brain? Pharmacology of Endogenous Neurotoxins pp 171-187.

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