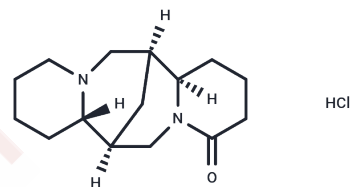


Lupanine hydrochloride

Chemical Properties

CAS No. : 1025-39-4
 Formula: C₁₅H₂₅ClN₂O
 Molecular Weight: 284.83
 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	Lupanine hydrochloride, a natural ketonic derivative of Sparteine ((+)-Sparteine), exhibits ganglioplegic activity and binds to the nicotinic receptor (nAChR) with a K _i value of 500 nM [1].
Targets(IC50)	Others,AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5109 mL	17.5543 mL	35.1087 mL
5 mM	0.7022 mL	3.5109 mL	7.0217 mL
10 mM	0.3511 mL	1.7554 mL	3.5109 mL
50 mM	0.0702 mL	0.3511 mL	0.7022 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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