

DBO-83

Chemical Properties

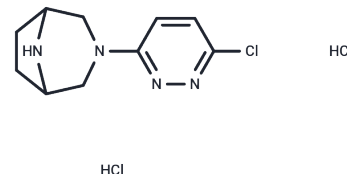
CAS No. : 195211-53-1

Formula: C₁₀H₁₅Cl₃N₄

Molecular Weight: 297.61

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	DBO-83, an agonist of nicotinic acetylcholine receptors (nAChRs), has anti-amnesic and antinociceptive activities.
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Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3601 mL	16.8005 mL	33.601 mL
5 mM	0.672 mL	3.3601 mL	6.7202 mL
10 mM	0.336 mL	1.6801 mL	3.3601 mL
50 mM	0.0672 mL	0.336 mL	0.672 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.

Reference

Decker MW, Meyer MD, Sullivan JP. The therapeutic potential of nicotinic acetylcholine receptor agonists for pain control. Expert Opin Investig Drugs. 2001 Oct;10(10):1819-30. Review. PubMed PMID: 11772288.

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