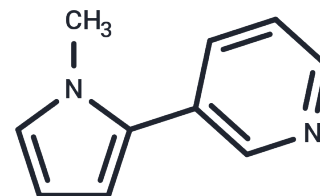


beta-Nicotyrine

Chemical Properties

CAS No. : 487-19-4
Formula: C₁₀H₁₀N₂
Molecular Weight: 158.2
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	beta-Nicotyrine is a tobacco alkaloids Metabolite in the liver.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 60 mg/mL (379.27 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.3211 mL	31.6056 mL	63.2111 mL
5 mM	1.2642 mL	6.3211 mL	12.6422 mL
10 mM	0.6321 mL	3.1606 mL	6.3211 mL
50 mM	0.1264 mL	0.6321 mL	1.2642 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

Martinez RE, Dhawan S, Sumner W, Williams BJ. On-Line Chemical Composition Analysis of Refillable Electronic Cigarette Aerosol-Measurement of Nicotine and Nicotyrine. Nicotine Tob Res. 2015 Oct;17(10):1263-9. doi: 10.1093

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