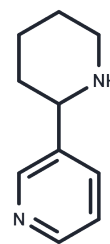


(±) Anabasine

Chemical Properties

CAS No. : 13078-04-1
 Formula: C₁₀H₁₄N₂
 Molecular Weight: 162.23
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	(±) Anabasine is a muscle relaxant that can be used for muscle relaxation during surgery.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: 22.5 mg/mL (138.69 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.1641 mL	30.8204 mL	61.6409 mL
5 mM	1.2328 mL	6.1641 mL	12.3282 mL
10 mM	0.6164 mL	3.082 mL	6.1641 mL
50 mM	0.1233 mL	0.6164 mL	1.2328 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

Levin E D , Hao I , Burke D A , et al. Effects of Tobacco Smoke Constituents, Anabasine and Anatabine, on Memory and Attention in Female Rats[J]. Journal of Psychopharmacology, 2014, 28(10).

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