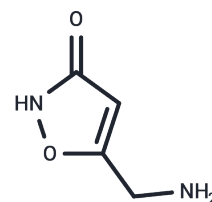


Muscimol HBr

Chemical Properties

CAS No. :	18174-72-6
Formula:	C ₄ H ₇ BrN ₂ O ₂
Molecular Weight:	195.01
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.

HBr



Biological Description

Description	Muscimol HBr (Agarin HBr) is an agonist of GABAA receptor.
Targets(IC50)	GABA Receptor

Solubility Information

Solubility	DMSO: 10 mg/mL (51.28 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	5.1279 mL	25.6397 mL	51.2794 mL
5 mM	1.0256 mL	5.1279 mL	10.2559 mL
10 mM	0.5128 mL	2.564 mL	5.1279 mL
50 mM	0.1026 mL	0.5128 mL	1.0256 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

Jang IS, Nakamura M, Ito Y, Akaike N. Presynaptic GABAA receptors facilitate spontaneous glutamate release from presynaptic terminals on mechanically dissociated rat CA3 pyramidal neurons. *Neuroscience*. 2006;138(1):25-35. Epub 2005 Dec 27.

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