

## Muscimol HBr

## Chemical Properties

CAS No.:	18174-72-6
Formula:	C <sub>4</sub> H <sub>7</sub> BrN <sub>2</sub> O <sub>2</sub>
Molecular Weight:	195.01
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

## Biological Description

Description	Muscimol HBr is an agonist of GABAA receptor.
-------------	---

## Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.128 mL	25.640 mL	51.279 mL
5 mM	1.026 mL	5.128 mL	10.256 mL
10 mM	0.513 mL	2.564 mL	5.128 mL
50 mM	0.103 mL	0.513 mL	1.026 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. 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. PubMed PMID: 16378694.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

Tel:781-999-4286

E-mail:[info@targetmol.com](mailto:info@targetmol.com)

Address:36 Washington Street,Wellesley Hills,MA 02481