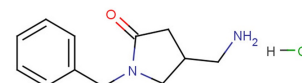


Nebracetam hydrochloride

Chemical Properties

CAS No.:	1177279-49-0
Formula:	C ₁₂ H ₁₇ ClN ₂ O
Molecular Weight:	240.73
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	Nebracetam hydrochloride is an agonist nootropic M1-muscarinic.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.154 mL	20.77 mL	41.54 mL
5 mM	0.831 mL	4.154 mL	8.308 mL
10 mM	0.415 mL	2.077 mL	4.154 mL
50 mM	0.083 mL	0.415 mL	0.831 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. Kitamura Y, et al. Effects of nebracetam (WEB 1881 FU), a novel nootropic, as a M1-muscarinic agonist. Jpn J Pharmacol. 1991 Jan;55(1):177-80.
2. Iwasaki K, et al. Effect of nebracetam on the disruption of spatial cognition in rats. Jpn J Pharmacol. 1992 Feb;58(2):117-26.

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

Address:36 Washington Street,Wellesley Hills,MA 02481