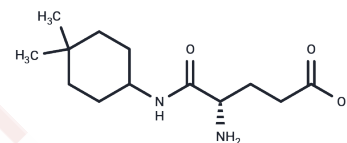


Neboglamine

Chemical Properties

CAS No. :	163000-63-3
Formula:	C ₁₃ H ₂₄ N ₂ O ₃
Molecular Weight:	256.34
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Neboglamine, a glycine NMDA-associated agonist, is used potentially for the treatment of schizophrenia.
Targets(IC50)	Others, iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9011 mL	19.5053 mL	39.0107 mL
5 mM	0.7802 mL	3.9011 mL	7.8021 mL
10 mM	0.3901 mL	1.9505 mL	3.9011 mL
50 mM	0.078 mL	0.3901 mL	0.7802 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

- Chiusaroli R, Garofalo P, Espinoza S, Neri E, Caselli G, Lanza M. Antipsychotic-like effects of the N-methyl-D-aspartate receptor modulator neboglamine: an immunohistochemical and behavioural study in the rat. *Pharmacol Res.* 2010 May;61(5):430-6. doi: 10.1016/j.phrs.2009.12.010. PubMed PMID: 20045056.
- Lanza M, Bonnafous C, Colombo S, Revel L, Makovec F. Characterization of a novel putative cognition enhancer mediating facilitation of glycine effect on strychnine-resistant sites coupled to NMDA receptor complex. *Neuropharmacology.* 1997 Aug;36(8):1057-64. PubMed PMID: 9294970.
- Pittaluga A, Vaccari D, Raiteri M. The "kynurenate test", a biochemical assay for putative cognition enhancers. *J Pharmacol Exp Ther.* 1997 Oct;283(1):82-90. PubMed PMID: 9336311.
- Garofalo P, Colombo S, Lanza M, Revel L, Makovec F. CR 2249: a new putative memory enhancer. Behavioural studies on learning and memory in rats and mice. *J Pharm Pharmacol.* 1996 Dec;48(12):1290-7. PubMed PMID: 9004193.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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:34 Washington Street,Wellesley Hills,MA 02481