

Glypromate acetate(32302-76-4 free base)

Chemical Properties

CAS No. :

Formula: C₁₄H₂₃N₃O₈

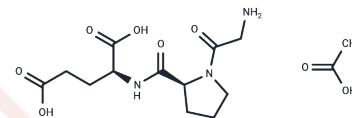
Molecular Weight: 361.35

Keep away from moisture

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	Glypromate acetate is a neuroprotective agent, is a weak NMDA receptor agonist.
Targets(IC50)	NMDAR

Solubility Information

Solubility	DMSO: 3.62 mg/mL (10.02 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	2.7674 mL	13.837 mL	27.674 mL
5 mM	0.5535 mL	2.7674 mL	5.5348 mL
10 mM	0.2767 mL	1.3837 mL	2.7674 mL
50 mM	0.0553 mL	0.2767 mL	0.5535 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

Vaaga C E , Tovar K R , Westbrook G L . The IGF-derived tripeptide Gly-Pro-Glu is a weak NMDA receptor agonist[J]. Journal of Neurophysiology, 2014, 112(6):1241-1245.

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