

Glypromate acetate(32302-76-4 free base)

Chemical Properties

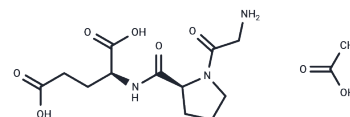
CAS No. :

Formula: C₁₄H₂₃N₃O₈

Molecular Weight: 361.35

Appearance: no data available

Storage: keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Glypromate acetate is a neuroprotective agent, is a weak NMDA receptor agonist.
Targets(IC ₅₀)	NMDAR

Solubility Information

Solubility	DMSO: 3.61 mg/ml (10 mM) (< 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.

Reference

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

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