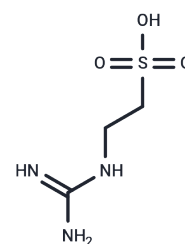


Guanidinoethyl sulfonate

Chemical Properties

CAS No. :	543-18-0
Formula:	C3H9N3O3S
Molecular Weight:	167.19
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	Guanidinoethyl sulfonate (Taurocyamine) is a competitive glycine receptor antagonist.
Targets(IC50)	Endogenous Metabolite, Chloride channel

Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble), 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	5.9812 mL	29.9061 mL	59.8122 mL
5 mM	1.1962 mL	5.9812 mL	11.9624 mL
10 mM	0.5981 mL	2.9906 mL	5.9812 mL
50 mM	0.1196 mL	0.5981 mL	1.1962 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

Sergeeva, O. A., Chepkova, A.N., and Hass, H.L. Guanidinoethyl sulphonate is a glycine receptor antagonist in striatum. British Journal of Pharmacology 137, 855-860 (2002).

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