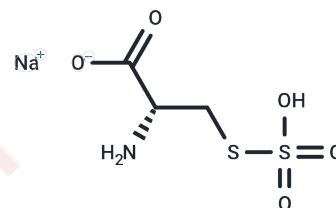


S-Sulfo-L-cysteine sodium salt

Chemical Properties

CAS No. :	7381-67-1
Formula:	C3H6NNaO5S2
Molecular Weight:	223.2
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	S-Sulfo-L-cysteine sodium salt shows a weak affinity for mGluR1 α and mGluR5a at high concentrations and has potential antioxidant activity.
Targets(IC50)	Antioxidant,Endogenous Metabolite,GluR,iGluR

Solubility Information

Solubility	H2O: 100 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	4.4803 mL	22.4014 mL	44.8029 mL
5 mM	0.8961 mL	4.4803 mL	8.9606 mL
10 mM	0.448 mL	2.2401 mL	4.4803 mL
50 mM	0.0896 mL	0.448 mL	0.8961 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

Kingston AE, et al. Sulphur-containing amino acids are agonists for group 1 metabotropic receptors expressed in clonal RGT cell lines. *Neuropharmacology*. 1998;37(3):277-87.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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