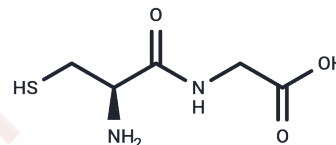


Cysteinyglycine

Chemical Properties

CAS No. :	19246-18-5
Formula:	C ₅ H ₁₀ N ₂ O ₃ S
Molecular Weight:	178.21
Appearance:	no data available
Storage:	keep away from moisture, store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Cysteinyglycine (Cys-Gly), is a biologically important compound since it is formed during the γ-glutamyl cycle. It is a L-cysteinyl peptide, that can be used in the studies of many peptides and important proteins.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: Soluble, H ₂ O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.6114 mL	28.0568 mL	56.1136 mL
5 mM	1.1223 mL	5.6114 mL	11.2227 mL
10 mM	0.5611 mL	2.8057 mL	5.6114 mL
50 mM	0.1122 mL	0.5611 mL	1.1223 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

Morris, J., & Leslie, S. (1996). Glutamate and cysteinyglycine effects on NMDA receptors: Inhibition by ethanol. *Alcohol*, 13(2), 157-162. doi: 10.1016/0741-8329(95)02028-4

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