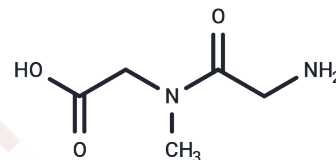


Glycylsarcosine

Chemical Properties

CAS No. :	29816-01-1
Formula:	C ₅ H ₁₀ N ₂ O ₃
Molecular Weight:	146.14
Storage:	Keep away from moisture 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	Glycylsarcosine (GLYCYL-SARCOSINE) is a dipeptide obtained by formal condensation of the carboxy group of glycine with the amino group of sarcosine
Targets(IC50)	Others,Amino Acids and Derivatives

Solubility Information

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

	1mg	5mg	10mg
1 mM	6.8428 mL	34.2138 mL	68.4275 mL
5 mM	1.3686 mL	6.8428 mL	13.6855 mL
10 mM	0.6843 mL	3.4214 mL	6.8428 mL
50 mM	0.1369 mL	0.6843 mL	1.3686 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

Nabulsi N B , Smith D E , Kilbourn M R . [11C]Glycylsarcosine: synthesis and in vivo evaluation as a PET tracer of PepT2 transporter function in kidney of PepT2 null and wild-type mice.[J]. Bioorganic & Medicinal Chemistry, 2005, 13(8):2993-3001.

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