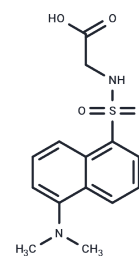


Dansylglycine

Chemical Properties

CAS No. :	1091-85-6
Formula:	C ₁₄ H ₁₆ N ₂ O ₄ S
Molecular Weight:	308.35
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Dansylglycine is a fluorescent probe for specific determination of halogenating activity of myeloperoxidase and eosinophil peroxidase[1].
Targets(IC50)	Others,Amino Acids and Derivatives

Solubility Information

Solubility	DMSO: 55 mg/mL (178.37 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (6.49 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2431 mL	16.2153 mL	32.4307 mL
5 mM	0.6486 mL	3.2431 mL	6.4861 mL
10 mM	0.3243 mL	1.6215 mL	3.2431 mL
50 mM	0.0649 mL	0.3243 mL	0.6486 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

Bertoza LC, Zeraik ML, Ximenes VF. Dansylglycine, a fluorescent probe for specific determination of halogenating activity of myeloperoxidase and eosinophil peroxidase. Anal Biochem. 2017 Sep 1;532:29-37.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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