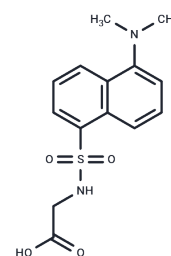


Dansylglycine

Chemical Properties

CAS No. :	1091-85-6
Formula:	C ₁₄ H ₁₆ N ₂ O ₄ S
Molecular Weight:	308.35
Appearance:	no data available
Storage:	keep away from moisture
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

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

Solubility Information

Solubility	DMSO: 55 mg/ml (178.37 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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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.

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.

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