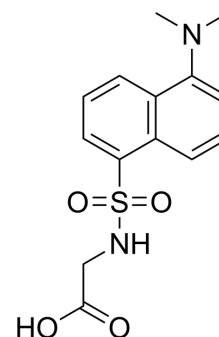


## Dansylglycine

Cat. No.:	HY-W141889
CAS No.:	1091-85-6
Molecular Formula:	C <sub>14</sub> H <sub>16</sub> N <sub>2</sub> O <sub>4</sub> S
Molecular Weight:	308.35
Target:	Amino Acid Derivatives
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 125 mg/mL (405.38 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				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
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (6.75 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (6.75 mM); Clear solution						

### BIOLOGICAL ACTIVITY

Description	Dansylglycine is a <a href="#">Glycine</a> (HY-Y0966) derivative <sup>[1]</sup> .
In Vitro	Amino acids and amino acid derivatives have been commercially used as ergogenic supplements. They influence the secretion of anabolic hormones, supply of fuel during exercise, mental performance during stress related tasks and prevent exercise induced muscle damage. They are recognized to be beneficial as ergogenic dietary substances <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

**Caution: Product has not been fully validated for medical applications. For research use only.**

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