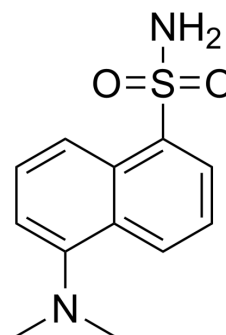


## Dansylamide

Cat. No.:	HY-118562
CAS No.:	1431-39-6
Molecular Formula:	C <sub>12</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub> S
Molecular Weight:	250.32
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 150 mg/mL (599.23 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.9949 mL	19.9744 mL	39.9489 mL
	5 mM	0.7990 mL	3.9949 mL	7.9898 mL
	10 mM	0.3995 mL	1.9974 mL	3.9949 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Dansyl amide is a fluorescent dye that is used in biochemistry and chemistry to label substances with the fluorescent dansyl group.

### REFERENCES

[1]. Misra A, et al. Fluorescent labelling of ribonucleosides at 2'-terminus; comparative fluorescence studies. Nucleic Acids Symp Ser. 2000;(44):291-2.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA