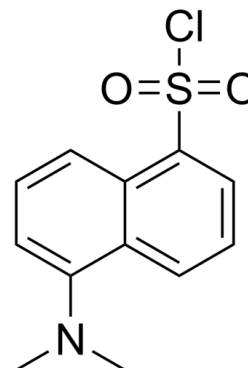


Data Sheet

Product Name:	Dansyl chloride
Cat. No.:	CS-5026
CAS No.:	605-65-2
Molecular Formula:	C ₁₂ H ₁₂ ClNO ₂ S
Molecular Weight:	269.753
Target:	Fluorescent Dye
Pathway:	Others
Solubility:	DMSO : 12.5 mg/mL (ultrasonic;warming;heat to 60°C)



BIOLOGICAL ACTIVITY:

Dansyl chloride is a reagent that produces stable blue or blue-green fluorescent sulfonamide adducts in the reaction of aliphatic and aromatic amines with primary amino groups, and is widely used for modified amino acids, protein sequencing and amino acid analysis^[1].

References:

[1]. Gray W R. [12] Dansyl chloride procedure[M]//Methods in enzymology. Academic Press, 1967, 11: 139-151.

CAIndexNames:

1-Naphthalenesulfonyl chloride, 5-(dimethylamino)-

SMILES:

O=S(C1=C2C=CC=C(N(C)C)C2=CC=C1)(Cl)=O

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

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