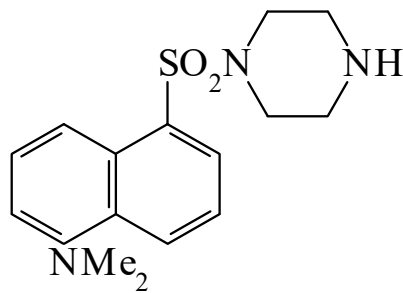




>>Entry Name: 1-[[5-(Dimethylamino)-1-naphthalenyl]sulfonyl]piperazine, 9CI

Synonym(s): Dansyl semipiperazide



CAS Registry Number: 86516-36-1

Type of Compound Code(s): PS7600 PM6300 PG5400

Molecular Formula: C₁₆H₂₁N₃O₂S

Molecular Weight: 319.427

Accurate Mass: 319.135447

Percentage Composition: C 60.16%; H 6.63%; N 13.15%; O 10.02%; S 10.04%

Use/Importance: Fluorescent reagent for hplc anal. of carboxylic acids

Physical Description: Yellow cryst.

References:

Yanagisawa, I. *et al.*, *J. Chromatogr.*, 1985, **345**, 229, (*synth, use*)

Hansel, W. *et al.*, *Dtsch. Lebensm.-Rundsch.*, 1987, **83**, 315, (*synth, use*)

Junker-Buchheit, A. *et al.*, *Fresenius' Z. Anal. Chem.*, 1988, **331**, 387, (*use*)