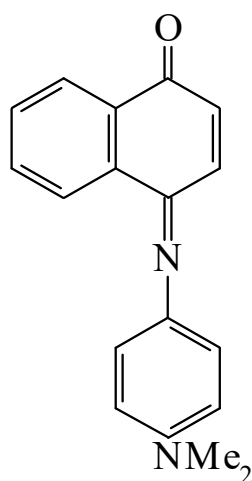




>>Entry Name: *N*-(4'-Dimethylaminophenyl)-1,4-naphthoquinone imine

Synonym(s): 4-[[4-(Dimethylamino)phenyl]imino]-1(4*H*)-naphthalenone, 9CI



CAS Registry Number: 132-31-0

Type of Compound Code(s): PS8250 PA4050 PM6770

Molecular Formula: C₁₈H₁₆N₂O

Molecular Weight: 276.337

Accurate Mass: 276.126263

Percentage Composition: C 78.24%; H 5.84%; N 10.14%; O 5.79%

Use/Importance: Used for fluorimetric detn. of S₂O₄²⁽⁻⁾

Physical Description: Cryst.

Aldrich: 33057-4

Sigma: I7007

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 546B, (*nmr*)

Nakamura, H. *et al.*, *Chem. Pharm. Bull.*, 1974, **22**, 1950, (*use*)