
Product Data Sheet

Product Name: NSC 86429

Cat. No.: GC19740

Chemical Properties

Cas. No. 5812-07-7

SMILES CN(C)c1ccc(C=C2C(=O)Nc3ccccc23)cc1Formula C₁₇H₁₆N₂O M.Wt 264.33

Solubility Storage Store at -20°C, unstable in solution, ready to use.

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure **Background**

SU-4312, also known as DMBI, is a potent and selective inhibitor of VEGFR and PDGFR tyrosine kinases (IC₅₀ values are 0.8 and 19.4 μM respectively). SU4312 unexpectedly protects against MPP(+)-induced neurotoxicity via selective and direct inhibition of neuronal NOS.

Li Y, et al. Vascular Endothelial Growth Factor-A (VEGF-A) Mediates Activin A-Induced Human Trophoblast Endothelial-Like Tube Formation. *Endocrinology*. 2015 Nov;156(11):4257-68.

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

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