

Product Data Sheet

Product Name: NSC 601980 analog

Cat. No.: GC30381

Chemical Properties

Cas. No. 91757-46-9

SMILES CC1=NC2=CC=CC=C2N/C1=N/NC3=CC=CC=C3

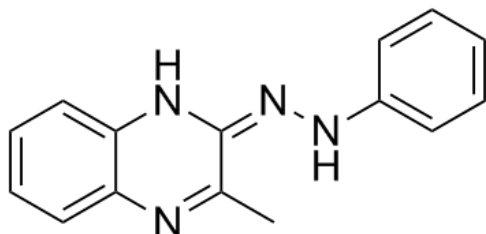
Formula $C_{15}H_{14}N_4$ M.Wt 250.3

Solubility DMSO : ≥ 30 mg/mL (119.86 mM) Storage Store at -20°C

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

The product is the analog of the NSC601980, NSC601980 shows antitumor activity in the yeast screening experiment, which can inhibit cell proliferation in the COLO 205 and HT29 with Log GI 50 of -6.6 and -6.9 respectively.

[1]. Parkanyi Cyril, et al. Convenient synthesis of arylazo derivatives of quinoxaline, 1,4-benzothiazine, and 1,4-benzoxazine. From Journal of Heterocyclic Chemistry (1984), 21(2), 521-4.

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

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