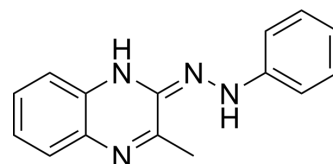


NSC 601980 analog

Cat. No.:	HY-B1714
CAS No.:	91757-46-9
Molecular Formula:	C ₁₅ H ₁₄ N ₄
Molecular Weight:	250.3
Target:	Others
Pathway:	Others
Storage:	<div> <div>Powder</div> <div>-20°C 3 years</div> <div>4°C 2 years</div> </div> <div> <div>In solvent</div> <div>-80°C 2 years</div> <div>-20°C 1 year</div> </div>



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 30 mg/mL (119.86 mM)

* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.9952 mL	19.9760 mL	39.9521 mL
	5 mM	0.7990 mL	3.9952 mL	7.9904 mL
	10 mM	0.3995 mL	1.9976 mL	3.9952 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

NSC 601980 analog 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.

REFERENCES

[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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