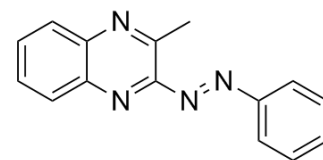


NSC 601980

Cat. No.:	HY-B1714A		
Molecular Formula:	C ₁₅ H ₁₂ N ₄		
Molecular Weight:	248.28		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (100.69 mM; Need ultrasonic and warming)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	4.0277 mL	20.1386 mL	40.2771 mL	
5 mM	0.8055 mL	4.0277 mL	8.0554 mL	
10 mM	0.4028 mL	2.0139 mL	4.0277 mL	

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

BIOLOGICAL ACTIVITY

Description

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]. DTP Datawarehouse Index Results.

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

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