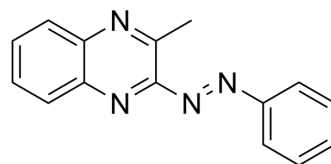


## NSC 601980

Cat. No.:	HY-B1714A		
CAS No.:	2070018-27-6		
Molecular Formula:	C <sub>15</sub> H <sub>12</sub> N <sub>4</sub>		
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	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	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.

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

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