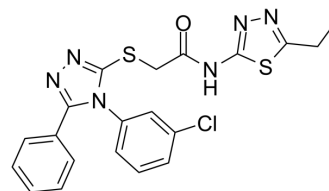


## NRP1 antagonist 2

Cat. No.:	HY-147762		
CAS No.:	483289-96-9		
Molecular Formula:	C <sub>20</sub> H <sub>17</sub> ClN <sub>6</sub> OS <sub>2</sub>		
Molecular Weight:	456.97		
Target:	Complement System		
Pathway:	Immunology/Inflammation		
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 : 100 mg/mL (218.83 mM; ultrasonic and warming and heat to 80°C)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.1883 mL	10.9416 mL	21.8833 mL
		5 mM	0.4377 mL	2.1883 mL	4.3767 mL
10 mM		0.2188 mL	1.0942 mL	2.1883 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (5.47 mM); Clear solution; Need ultrasonic				

### BIOLOGICAL ACTIVITY

Description	NRP1 antagonist 2 (Compound 1) is an NRP1 antagonist <sup>[1]</sup> .
IC <sub>50</sub> & Target	NRP1 <sup>[1]</sup>

### REFERENCES

[1]. Peng K, et al. Discovery of novel nonpeptide small-molecule NRP1 antagonists: Virtual screening, molecular simulation and structural modification. *Bioorg Med Chem.* 2020 Jan 1;28(1):115183.

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

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