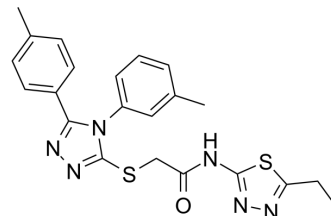


NRP1 antagonist 1

Cat. No.:	HY-133034		
CAS No.:	2569598-01-0		
Molecular Formula:	C ₂₂ H ₂₂ N ₆ O ₂ S ₂		
Molecular Weight:	450.58		
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 : 83.33 mg/mL (184.94 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.2194 mL	11.0968 mL	22.1936 mL
5 mM	0.4439 mL	2.2194 mL	4.4387 mL
10 mM	0.2219 mL	1.1097 mL	2.2194 mL

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

BIOLOGICAL ACTIVITY

Description

NRP1 antagonist 1 (compound 12a) is a potent NRP1 antagonist with an IC₅₀ of 19.1 μM. NRP1 antagonist 1 has the potential for cancer research^[1].

REFERENCES

[1]. Kewen Peng, 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.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA