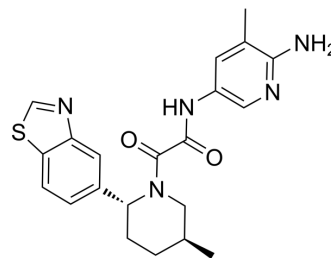


TNG908

Cat. No.:	HY-148419		
CAS No.:	2760481-53-4		
Molecular Formula:	C ₂₁ H ₂₃ N ₅ O ₂ S		
Molecular Weight:	409.5		
Target:	Histone Methyltransferase		
Pathway:	Epigenetics		
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 (244.20 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.4420 mL	12.2100 mL	24.4200 mL
	5 mM	0.4884 mL	2.4420 mL	4.8840 mL
	10 mM	0.2442 mL	1.2210 mL	2.4420 mL

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

BIOLOGICAL ACTIVITY

Description

TNG908 is a MTAP-cooperative PRMT5 inhibitor that can pass through the blood-brain barrier. TNG908 is 15 times more selective for MTAP^{null} cell lines than MTAP^{WT} cell lines, and can be used in cancer research^[1].

REFERENCES

[1]. K. Briggs, et al. TNG908 is a brain-penetrant, MTA-cooperative PRMT5 inhibitor for the treatment of MTAP-deleted cancer. MOLECULAR TARGETED AGENTS 2 | VOLUME 174, SUPPLEMENT 1, S84, OCTOBER 2022.

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

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