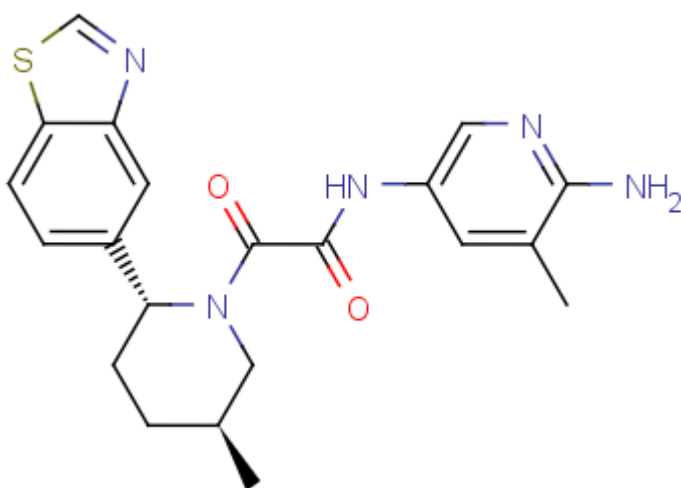


Name: TNG908 Cat#: EX-A7872

Target: Histone Methyltransferase

Pathway: Epigenetics

Chemical Structure:



Chemical Name	N-(6-amino-5-methylpyridin-3-yl)-2-((2R,5S)-2-(benzo[d]thiazol-5-yl)-5-methylpiperidin-1-yl)-2-oxoacetamide		
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Molecular Weight	409.505	Storage	2 years 4°C powder 3 years -20°C powder
Formula	C ₂₁ H ₂₃ N ₅ O ₂ S		6 months -80°C in solvent Away from light
CAS No.	2760481-53-4	Synonyms	TNG 908; TNG-908

Solubility (25°C) *	In vitro	DMSO	DMSO : >50 mg/mL
		Ethanol	N/A
		Water	N/A
	In vivo (should be freshly prepared each time)		

* <1 mg/ml means slightly soluble or insoluble.

* Please note that Selleck tests the solubility of all compounds in-house, and the actual solubility may differ slightly from published values. This is normal and is due to slight

batch-to-batch variations.

Preparing Stock Solutions:

<div> <div>Mass</div> <div>Volume</div> <div>Concentration</div> </div>	1 mg	5 mg	10 mg
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

DMSO :

*The above data is based on the product molecular weight 409.50.

Biological Activities:

Description	TNG908 is a MTAP-cooperative PRMT5 inhibitor that can pass through the blood-brain barrier. TNG908 can be used in cancer research.
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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.
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