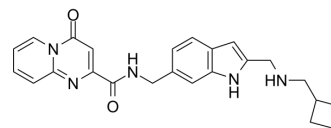


STC-15

Cat. No.:	HY-156677		
CAS No.:	2648257-56-9		
Molecular Formula:	C ₂₄ H ₂₅ N ₅ O ₂		
Molecular Weight:	415.49		
Target:	METTL3		
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 : 125 mg/mL (300.85 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.4068 mL	12.0340 mL	24.0680 mL
	5 mM	0.4814 mL	2.4068 mL	4.8136 mL
	10 mM	0.2407 mL	1.2034 mL	2.4068 mL

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

BIOLOGICAL ACTIVITY

Description

STC-15 (example 70) is an orally active METTL3 inhibitor used in the study of proliferative diseases such as cancer and autoimmune diseases^[1].

REFERENCES

[1]. Wesley Peter Blackaby, et al. Polyheterocyclic compounds as mettl3 inhibitors. Patent WO2021111124A1.

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

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