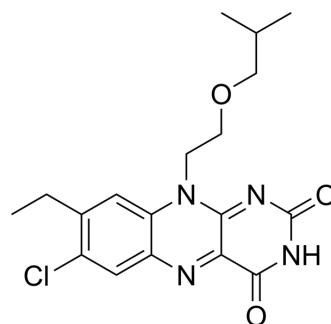


JG-2016

Cat. No.:	HY-154944		
CAS No.:	2887480-87-5		
Molecular Formula:	C ₁₈ H ₂₁ ClN ₄ O ₃		
Molecular Weight:	376.84		
Target:	Histone Acetyltransferase		
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 (265.36 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.6536 mL	13.2682 mL	26.5365 mL
	5 mM	0.5307 mL	2.6536 mL	5.3073 mL
	10 mM	0.2654 mL	1.3268 mL	2.6536 mL

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

BIOLOGICAL ACTIVITY

Description

JG-2016 is a potent inhibitor of histone acetyltransferase 1 (HAT1), with an IC₅₀ of 14.8 μM in the HAT1 acetylation assays^[1].

REFERENCES

[1]. Joshua James GRUBER, et al. Modulators of histone acetyltransferase 1 and methods of treatment thereof. Patent, WO2022272313A1.

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

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