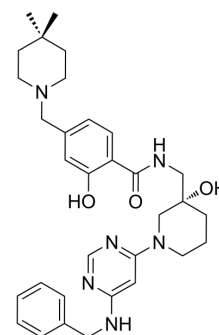


UZH1b

Cat. No.:	HY-134673B		
CAS No.:	2814392-17-9		
Molecular Formula:	C ₃₂ H ₄₂ N ₆ O ₃		
Molecular Weight:	558.71		
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 : 100 mg/mL (178.98 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.7898 mL	8.9492 mL	17.8984 mL
5 mM	0.3580 mL	1.7898 mL	3.5797 mL
10 mM	0.1790 mL	0.8949 mL	1.7898 mL

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

BIOLOGICAL ACTIVITY

Description

UZH1b is an enantiomer of UZH1a (a METTL3 inhibitor). UZH1b is essentially inactive for METTL3 (IC₅₀=28 μM)^[1].

REFERENCES

[1]. Moroz-Omori EV, et, al. METTL3 inhibitors for epitranscriptomic modulation of cellular processes. bioRxiv. 2020 Oct 13.

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

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