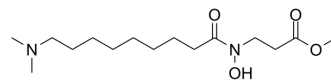


NCDM-32B

Cat. No.:	HY-120766		
CAS No.:	1239468-48-4		
Molecular Formula:	C ₁₅ H ₃₀ N ₂ O ₄		
Molecular Weight:	302.41		
Target:	Histone Demethylase		
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

Ethanol : 25 mg/mL (82.67 mM; ultrasonic and warming and heat to 41°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.3068 mL	16.5338 mL	33.0677 mL
5 mM	0.6614 mL	3.3068 mL	6.6135 mL
10 mM	0.3307 mL	1.6534 mL	3.3068 mL

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

BIOLOGICAL ACTIVITY

Description

NCDM-32B is a potent and selective KDM4 inhibitor that impairs viability and transforming phenotypes of breast cancer^[1].

REFERENCES

[1]. Ye Q, et al. Genetic alterations of KDM4 subfamily and therapeutic effect of novel demethylase inhibitor in breast cancer. Am J Cancer Res. 2015 Mar 15;5(4):1519-30.

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

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