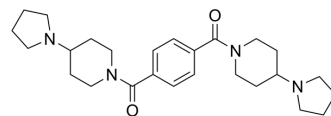


UNC1021

Cat. No.:	HY-18372
CAS No.:	1322591-19-4
Molecular Formula:	C ₂₆ H ₃₈ N ₄ O ₂
Molecular Weight:	438.61
Target:	Epigenetic Reader Domain
Pathway:	Epigenetics
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 9.09 mg/mL (20.72 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
	Concentration				
	1 mM		2.2799 mL	11.3996 mL	22.7993 mL
	5 mM		0.4560 mL	2.2799 mL	4.5599 mL
	10 mM		0.2280 mL	1.1400 mL	2.2799 mL

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

BIOLOGICAL ACTIVITY

Description

UNC1021 is a selective L3MBTL3 inhibitor with an IC₅₀ of 0.048 μM^[1].

IC₅₀ & Target

IC₅₀: 0.048 μM (L3MBTL3), 2.9 μM (L3MBTL1)^[1]

REFERENCES

[1]. James LI, et al. Small-molecule ligands of methyl-lysine binding proteins: optimization of selectivity for L3MBTL3. J Med Chem. 2013 Sep 26;56(18):7358-71.

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

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