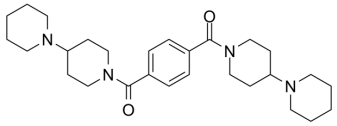
UNC1079

Cat. No.:	HY-18373		
CAS No.:	1418741-86-2		
Molecular Formula:	$C_{28}H_{42}N_4O_2$		
Molecular Weight:	466.66		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 2.22 mg/mL (4.76 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	2.1429 mL	10.7144 mL	21.4289 mL
	5 mM	---	---	---
	10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

UNC1079 is the piperidine analog of UNC1021, as a structurally similar but significantly less potent inhibitor for use as a negative control in cellular studies. Target: L3MBTL3The low anticipated affinity of UNC1079 was confirmed, as it demonstrated an activity versus L3MBTL3 of > 10 μM by AlphaScreen, which is >1000-fold weaker than UNC1215. UNC1079 also displays weak binding by ITC.

REFERENCES

[1]. James LI, et al. Discovery of a chemical probe for the L3MBTL3 methyllysine reader domain. Nat Chem Biol. 2013 Mar;9(3):184-91.

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

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