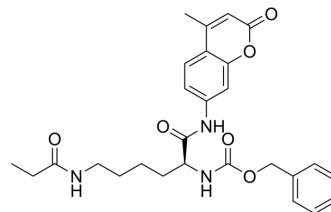


MOCPAC

Cat. No.:	HY-141427
CAS No.:	787549-26-2
Molecular Formula:	C ₂₇ H ₃₁ N ₃ O ₆
Molecular Weight:	493.55
Target:	HDAC
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (202.61 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.0261 mL	10.1307 mL	20.2614 mL
5 mM	0.4052 mL	2.0261 mL	4.0523 mL
10 mM	0.2026 mL	1.0131 mL	2.0261 mL

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

BIOLOGICAL ACTIVITY

Description MOCPAC is an HDAC1 specific substrate^[1].

IC₅₀ & Target HDAC1

REFERENCES

[1]. Simões-Pires CA, et al. Simultaneous Measurement of HDAC1 and HDAC6 Activity in HeLa Cells Using UHPLC-MS. J Vis Exp. 2017 Aug 10;(126):55878.

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

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