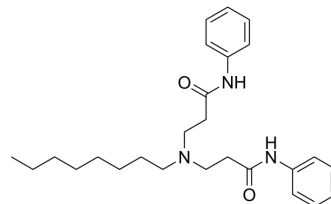


UCM-1336

Cat. No.:	HY-155954	
CAS No.:	1621535-90-7	
Molecular Formula:	C ₂₆ H ₃₇ N ₃ O ₂	
Molecular Weight:	423.59	
Target:	Apoptosis; Autophagy	
Pathway:	Apoptosis; Autophagy	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (236.08 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.3608 mL	11.8039 mL	23.6077 mL
	5 mM	0.4722 mL	2.3608 mL	4.7215 mL
	10 mM	0.2361 mL	1.1804 mL	2.3608 mL

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

BIOLOGICAL ACTIVITY

Description

UCM-1336 is a potent ICMT inhibitor, with an IC₅₀ of 2 μM. UCM-1336 induces mislocalization of endogenous Ras, decreases Ras activation and induces cell death by autophagy and apoptosis^[1].

IC₅₀ & Target

IC₅₀: 2 μM (2 μM)^[1].

REFERENCES

[1]. Nagore Marín-RamosA, Potent Isoprenylcysteine Carboxylmethyltransferase (ICMT) Inhibitor Improves Survival in Ras-Driven Acute Myeloid Leukemia. J Med Chem. 2019 Jul 11;62(13):6035-6046.

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

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