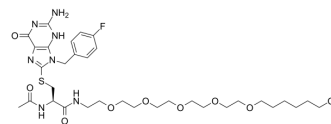


Mitochondria degrader-1

Cat. No.:	HY-147108
CAS No.:	2241669-05-4
Molecular Formula:	C ₃₃ H ₄₉ ClFN ₇ O ₈ S
Molecular Weight:	758.3
Target:	Mitochondrial Metabolism
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (131.87 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.3187 mL	6.5937 mL	13.1874 mL
	5 mM	0.2637 mL	1.3187 mL	2.6375 mL
	10 mM	0.1319 mL	0.6594 mL	1.3187 mL

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

BIOLOGICAL ACTIVITY

Description

Mitochondria degrader-1 (example 5) is a potent mitochondria degrader. Mitochondria degrader-1 induces the degradation of the injured mitochondria by the autophagy mechanism. Mitochondria degrader-1 can be used for the research of neurodegenerative disease, cancer, inflammatory disease, age-related disease, metabolic disease, mitochondrial disease or Down's disease^[1].

REFERENCES

[1]. Boyi Youben, et al. Degradation agent by autophagy mechanism of injured mitochondria. JPWO2019013181A1.

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

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