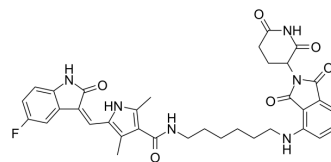


MI-389

Cat. No.:	HY-136688
CAS No.:	2222635-92-7
Molecular Formula:	C ₃₅ H ₃₅ FN ₆ O ₆
Molecular Weight:	654.69
Target:	PROTACs
Pathway:	PROTAC
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 66.67 mg/mL (101.83 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.5274 mL	7.6372 mL	15.2744 mL
	5 mM	0.3055 mL	1.5274 mL	3.0549 mL
	10 mM	0.1527 mL	0.7637 mL	1.5274 mL

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

BIOLOGICAL ACTIVITY

Description

MI-389 is a PROTAC translation termination factor GSPT1 degrader. MI-389 disrupts a target that is a shared dependency in different AML and ALL cell lines, and that MI-389 action is dependent on the CRL4^{CRBN} E3 ligase^[1].

IC₅₀ & Target

Cereblon

REFERENCES

[1]. Ishoey M, et al. Translation Termination Factor GSPT1 Is a Phenotypically Relevant Off-Target of Heterobifunctional Phthalimide Degraders. ACS Chem Biol. 2018;13(3):553-560.

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

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