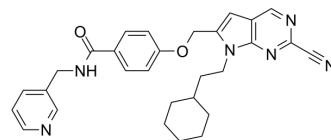


LB-60-OF61

Cat. No.:	HY-101280		
CAS No.:	794461-93-1		
Molecular Formula:	C ₂₉ H ₃₀ N ₆ O ₂		
Molecular Weight:	494.59		
Target:	NAMPT		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 200 mg/mL (404.38 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.0219 mL	10.1094 mL	20.2188 mL
	5 mM	0.4044 mL	2.0219 mL	4.0438 mL
	10 mM	0.2022 mL	1.0109 mL	2.0219 mL

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

BIOLOGICAL ACTIVITY

Description	LB-60-OF61 is a NAMPT inhibitor and is a cytotoxic compound with a selectivity towards MYC overexpressing cell lines ^[1] .
IC ₅₀ & Target	NAMPT ^[1]
In Vitro	LB-60-OF61 is potent against HCT116 cells with an IC ₅₀ around 30 nM as measured in a 384 well format ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Estoppey D, et al. Identification of a novel NAMPT inhibitor by CRISPR/Cas9 chemogenomic profiling in mammalian cells. Sci Rep. 2017 Feb 16;7:42728.

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

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