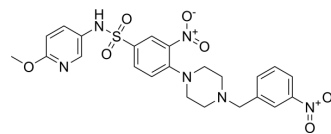


MyD88-IN-1

Cat. No.:	HY-149992		
CAS No.:	2911609-80-6		
Molecular Formula:	C ₂₃ H ₂₄ N ₆ O ₇ S		
Molecular Weight:	528.54		
Target:	MyD88		
Pathway:	Immunology/Inflammation		
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 : 100 mg/mL (189.20 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.8920 mL	9.4600 mL	18.9200 mL
	5 mM	0.3784 mL	1.8920 mL	3.7840 mL
	10 mM	0.1892 mL	0.9460 mL	1.8920 mL

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

BIOLOGICAL ACTIVITY

Description

MyD88-IN-1 is a potent MyD88 inhibitor. MyD88-IN-1 inhibits the interaction of TLR4 and MyD88 and suppressed the NF-κB pathway. MyD88-IN-1 can be used in research of cancer and inflammatory^[1].

REFERENCES

[1]. Chen P, et, al. Design, Synthesis, and Bioevaluation of Novel MyD88 Inhibitor c17 against Acute Lung Injury Derived from the Virtual Screen. J Med Chem. 2023 May 25;66(10):6938-6958.

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

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