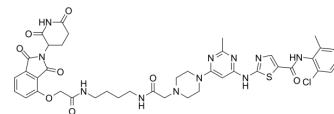


DB-3-291

Cat. No.:	HY-137345
CAS No.:	2769753-64-0
Molecular Formula:	C ₄₁ H ₄₄ ClN ₁₁ O ₈ S
Molecular Weight:	886.37
Target:	Toll-like Receptor (TLR)
Pathway:	Immunology/Inflammation
Storage:	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (56.41 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass			
			1 mg	5 mg	10 mg	
			1 mM	1.1282 mL	5.6410 mL	11.2820 mL
			5 mM	0.2256 mL	1.1282 mL	2.2564 mL
10 mM	0.1128 mL	0.5641 mL	1.1282 mL			
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 5 mg/mL (5.64 mM); Suspended solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	DB-3-291 is potent and selective CSK degrader, with a K _d of 1 nM ^[1] .
IC ₅₀ & Target	CSK ^[1]

REFERENCES

[1]. Donovan KA, et, al. Mapping the Degradable Kinome Provides a Resource for Expedited Degradation Development. Cell. 2020 Dec 10;183(6):1714-1731.e10.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA