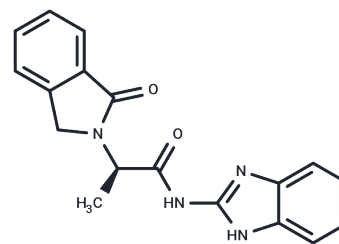


LTβR-IN-1

Chemical Properties

CAS No. :	2189366-77-4
Formula:	C ₁₈ H ₁₆ N ₄ O ₂
Molecular Weight:	320.35
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	LTβR-IN-1 is a potent and selective lymphin β receptor (LTβR) inhibitor. LTβR-IN-1 has a selective inhibitory effect on the nuclear translocation of p52 of TNF12A, and has no obvious effect on the nuclear translocation of p65 mediated by TNF-α receptor, but inhibits the nuclear translocation of p52 stimulated by TWEAK or Anti-LTβR. Translocation with IC ₅₀ of 10 μM. LTβR-IN-1 regulates the NF-κB signaling pathway through a ligand-independent manner.
Targets(IC ₅₀)	Others,NF-κB,LTR

Solubility Information

Solubility	DMSO: 113 mg/mL (350 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1216 mL	15.6079 mL	31.2159 mL
5 mM	0.6243 mL	3.1216 mL	6.2432 mL
10 mM	0.3122 mL	1.5608 mL	3.1216 mL
50 mM	0.0624 mL	0.3122 mL	0.6243 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Henry KL, Kellner D, Bajrami B, et al. CDK12-mediated transcriptional regulation of noncanonical NF-κB components is essential for signaling. Sci Signal. 2018;11(541):eaam8216.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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