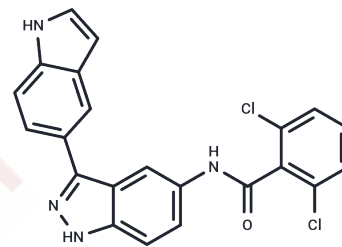


MD2-TLR4-IN-1

Chemical Properties

CAS No. :	2249801-12-3
Formula:	C ₂₂ H ₁₄ Cl ₂ N ₄ O
Molecular Weight:	421.28
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	MD2-TLR4-IN-1 is a myeloid differentiation protein 2/toll-like receptor 4 (MD2-TLR4) complex inhibitor.
Targets(IC50)	NF-κB,TLR

Solubility Information

Solubility	DMSO: Slightly soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3737 mL	11.8686 mL	23.7372 mL
5 mM	0.4747 mL	2.3737 mL	4.7474 mL
10 mM	0.2374 mL	1.1869 mL	2.3737 mL
50 mM	0.0475 mL	0.2374 mL	0.4747 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Zhiguo, Liu, Lingfeng, et al. Discovery of 3-(Indol-5-yl)-indazole Derivatives as Novel Myeloid Differentiation Protein 2/Toll-like Receptor 4 Antagonists for Treatment of Acute Lung Injury.[J]. Journal of medicinal chemistry, 2019.

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