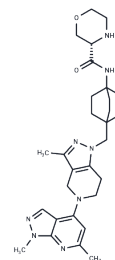


TLR7/8-IN-1

Chemical Properties

CAS No. :	2205095-75-4
Formula:	C ₂₉ H ₄₀ N ₈ O ₂
Molecular Weight:	532.68
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	TLR7/8-IN-1, a crystalline TLR7/TLR8 inhibitor from patent WO2019220390 (compound 2b), is a valuable compound for autoimmune disease research.
Targets(IC50)	TLR
In vitro	TLR7/8-IN-1, a crystalline TLR7/TLR8 inhibitor from patent WO2019220390 (compound 2b), is a valuable compound for autoimmune disease research.[1]

Solubility Information

Solubility	DMSO: 150 mg/mL (281.59 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL (1.88 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8773 mL	9.3865 mL	18.773 mL
5 mM	0.3755 mL	1.8773 mL	3.7546 mL
10 mM	0.1877 mL	0.9386 mL	1.8773 mL
50 mM	0.0375 mL	0.1877 mL	0.3755 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

CRYSTALLINE FORMS OF ATR7/TLRSINHIBITOR. WO2019220390.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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