

IDO1-IN-25

Chemical Properties

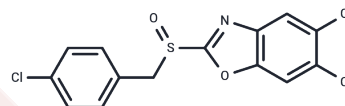
CAS No. : 2841467-86-3

Formula: C₁₄H₈Cl₃NO₂S

Molecular Weight: 360.64

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	IDO1-IN-25, a dual inhibitor of IDO1/TDO2, showcases IC ₅₀ values of 0.17 μM for IDO1 and 3.2 μM for TDO2. It effectively suppresses NO production in RAW264.7 cells following stimulation with lipopolysaccharide (LPS). Additionally, IDO1-IN-25 demonstrates anti-inflammatory properties in a mouse ear edema model of acute inflammation induced by croton oil.
Targets(IC ₅₀)	IDO, Indoleamine 2,3-Dioxygenase (IDO)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7728 mL	13.8642 mL	27.7285 mL
5 mM	0.5546 mL	2.7728 mL	5.5457 mL
10 mM	0.2773 mL	1.3864 mL	2.7728 mL
50 mM	0.0555 mL	0.2773 mL	0.5546 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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