

HCAR2 agonist 1

Chemical Properties

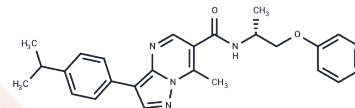
CAS No. : 1066676-21-8

Formula: C₂₆H₂₈N₄O₂

Molecular Weight: 428.53

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	HCAR2 agonist 1 (Compound 9n), a G _i protein-biased allosteric modulator of HCAR2, activates the G _i protein signaling pathway and exhibits anti-inflammatory properties by reducing mRNA levels of pro-inflammatory cytokines (TNF- α , IL-1 β , IL-6, and MCP-1). Additionally, it potentiates the anti-inflammatory effects of orthosteric agonists in a mouse model of colitis [1].
Targets(IC50)	Others,HCAR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3336 mL	11.6678 mL	23.3356 mL
5 mM	0.4667 mL	2.3336 mL	4.6671 mL
10 mM	0.2334 mL	1.1668 mL	2.3336 mL
50 mM	0.0467 mL	0.2334 mL	0.4667 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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