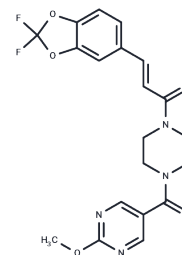


GPR183 antagonist-2

Chemical Properties

CAS No. :	2924063-98-7
Formula:	C ₂₀ H ₁₈ F ₂ N ₄ O ₅
Molecular Weight:	432.38
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	GPR183 antagonist-2 (compound 32), a selective antagonist of GPR183, exhibits excellent water solubility and pharmacokinetic properties. This compound effectively diminishes paw and joint swelling, and reduces gene expression of pro-inflammatory cytokines (MCP-1, MMPs, and VEGF) in a dose-dependent manner within a collagen-induced arthritis (CIA) mouse model. GPR183 antagonist-2 is applicable in researching autoimmune diseases [1].
Targets(IC50)	EBI2/GPR183

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3128 mL	11.5639 mL	23.1278 mL
5 mM	0.4626 mL	2.3128 mL	4.6256 mL
10 mM	0.2313 mL	1.1564 mL	2.3128 mL
50 mM	0.0463 mL	0.2313 mL	0.4626 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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