

GS-1427

Chemical Properties

CAS No. : 2417307-56-1

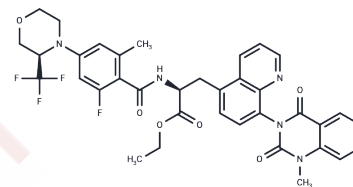
Formula: C35H32F4N6O6

Molecular Weight: 708.66

Keep away from moisture

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	GS-1427 (Emvistegrast) is a quinolone derivative and integrin $\alpha 4\beta 7$ antagonist for studying $\alpha 4\beta 7$ integrin-mediated diseases such as inflammatory bowel disease (IBD).
Targets(IC50)	Integrin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4111 mL	7.0556 mL	14.1111 mL
5 mM	0.2822 mL	1.4111 mL	2.8222 mL
10 mM	0.1411 mL	0.7056 mL	1.4111 mL
50 mM	0.0282 mL	0.1411 mL	0.2822 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

Peter A. Blomgren, et al., Quinolone derivatives as alpha4beta7 integrin inhibitors. WO2020092375A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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