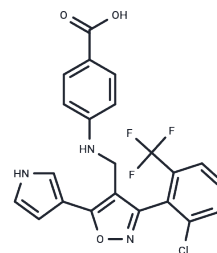


FM26

Chemical Properties

CAS No. : 2407981-35-3
 Formula: C₂₂H₁₅ClF₃N₃O₃
 Molecular Weight: 461.82
 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	FM26 has a distinct isoxazole chemotype and effectively reduces IL-17a mRNA production in EL4 cells. FM26 is a potent and allosteric retinoic acid receptor-related orphan receptor γ t (ROR γ t) inverse agonists with an IC ₅₀ of 264 nM.
Targets(IC ₅₀)	ROR
In vitro	FM26 (10 μ M, 24h) significantly reduces IL-17a mRNA expression 27-fold in EL4 cells.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1653 mL	10.8267 mL	21.6535 mL
5 mM	0.4331 mL	2.1653 mL	4.3307 mL
10 mM	0.2165 mL	1.0827 mL	2.1653 mL
50 mM	0.0433 mL	0.2165 mL	0.4331 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

Meijer FA, et al. Ligand-Based Design of Allosteric Retinoic Acid Receptor-Related Orphan Receptor γ t (ROR γ t) Inverse Agonists. J Med Chem. 2020 Jan 9;63(1):241-259.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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