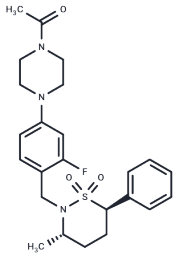
Data Sheet (Cat.No.T71933)

TargetMol

GNE-3500

Chemical Properties



CAS No. : 1537859-24-7

Formula: C24H30FN3O3S

Molecular Weight: 459.58

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	GNE-3500 is a Potent, Selective, and Orally Bioavailable Retinoic Acid Receptor-Related Orphan Receptor C (RORc or RORγ) Inverse Agonist. Retinoic acid receptor-related orphan receptor C (RORc, RORγ, or NR1F3) is a nuclear receptor that plays a major role in the production of interleukin (IL)-17. Considerable efforts have been directed toward the discovery of selective RORc inverse agonists as potential treatments of inflammatory diseases such as psoriasis and rheumatoid arthritis. GNE-3500 possessed favorable RORc cellular potency with 75-fold selectivity for RORc over other ROR family members and >200-fold selectivity over 25 additional nuclear receptors in a cell assay panel. The favorable potency, selectivity, in vitro ADME properties, in vivo PK, and dose-dependent inhibition of IL-17 in a PK/PD model support the evaluation of GNE3500 in preclinical studies (J. Med. Chem., 2015, 58 (13), pp 5308-5322)
Targets(IC50)	Others,ROR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1759 mL	10.8795 mL	21.759 mL
5 mM	0.4352 mL	2.1759 mL	4.3518 mL
10 mM	0.2176 mL	1.0879 mL	2.1759 mL
50 mM	0.0435 mL	0.2176 mL	0.4352 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

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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