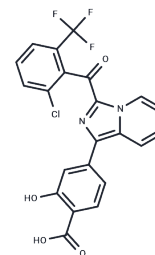


GNE-0946

Chemical Properties

CAS No. : 1677667-24-1
 Formula: C₂₂H₁₂ClF₃N₂O₄
 Molecular Weight: 460.79
 Storage: Store at low temperature
 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-0946 is an effective and selective ROR γ /ROR α /NR1F3 antagonist (inverse agonist) with an EC ₅₀ of 4 nM in HEK-293 cells. It inhibits IL-17 production in human PBMC cells (IC ₅₀ = 17 nM) and can be used in autoimmune disease research.
Targets(IC ₅₀)	ROR

Solubility Information

Solubility	DMSO: 80 mg/mL (173.61 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1702 mL	10.8509 mL	21.7019 mL
5 mM	0.434 mL	2.1702 mL	4.3404 mL
10 mM	0.217 mL	1.0851 mL	2.1702 mL
50 mM	0.0434 mL	0.217 mL	0.434 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

Fauber BP, et al. Discovery of imidazo[1,5-a]pyridines and -pyrimidines as potent and selective ROR α inverse agonists. Bioorg Med Chem Lett. 2015 Aug 1;25(15):2907-12.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481