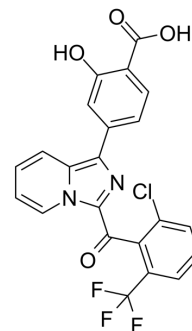


GNE-0946

Cat. No.:	HY-19774		
CAS No.:	1677667-24-1		
Molecular Formula:	C ₂₂ H ₁₂ ClF ₃ N ₂ O ₄		
Molecular Weight:	460.79		
Target:	ROR		
Pathway:	Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (217.02 mM; ultrasonic and warming and heat to 60°C)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	2.1702 mL	10.8509 mL	21.7019 mL
	5 mM	0.4340 mL	2.1702 mL	4.3404 mL
	10 mM	0.2170 mL	1.0851 mL	2.1702 mL
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (5.43 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	GNE-0946 is a potent and selective ROR γ (RORc) agonist with an EC ₅₀ value of 4 nM for HEK-293 cell.
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REFERENCES

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

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA