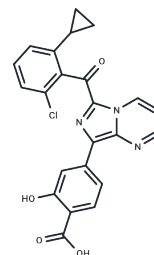


GNE-6468

Chemical Properties

CAS No. : 1677668-27-7
 Formula: C₂₃H₁₆ClN₃O₄
 Molecular Weight: 433.84
 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-6468 is a potent and selective agonist of ROR γ (RORc) (EC ₅₀ : 13 nM for HEK-293 cell).
Targets(IC ₅₀)	Others,ROR

Solubility Information

Solubility	DMSO: 5 mg/mL (11.52 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.305 mL	11.525 mL	23.050 mL
5 mM	0.461 mL	2.305 mL	4.610 mL
10 mM	0.2305 mL	1.1525 mL	2.305 mL
50 mM	0.0461 mL	0.2305 mL	0.461 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 RORc inverse agonists. Bioorg Med Chem Lett. 2015 Aug 1;25(15):2907-12.

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