

TMP780

Chemical Properties

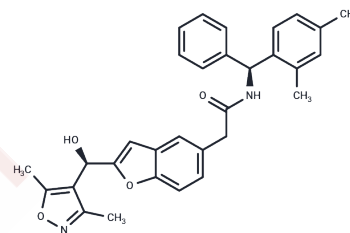
CAS No. : 1422053-03-9

Formula: C₃₁H₃₀N₂O₄

Molecular Weight: 494.58

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	TMP780 is an inverse ROR γ t agonist (IC ₅₀ : 13 nM). ROR γ t is a tractable drug target for the treatment of cutaneous inflammatory disorders.
Targets(IC ₅₀)	ROR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0219 mL	10.1096 mL	20.2192 mL
5 mM	0.4044 mL	2.0219 mL	4.0438 mL
10 mM	0.2022 mL	1.011 mL	2.0219 mL
50 mM	0.0404 mL	0.2022 mL	0.4044 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

Skepner J, et al. Pharmacologic inhibition of ROR γ t regulates Th17 signature gene expression and suppresses cutaneous inflammation in vivo. *J Immunol.* 2014 Mar 15;192(6):2564-75.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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