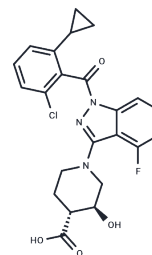


RORyt inhibitor 1

Chemical Properties

CAS No. :	1561770-72-6
Formula:	C ₂₃ H ₂₁ ClFN ₃ O ₄
Molecular Weight:	457.89
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	RORyt inhibitor 1 is an RORyt allosteric inhibitor with an IC ₅₀ value of 1 nM.
Targets(IC ₅₀)	Others,ROR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1839 mL	10.9197 mL	21.8393 mL
5 mM	0.4368 mL	2.1839 mL	4.3679 mL
10 mM	0.2184 mL	1.092 mL	2.1839 mL
50 mM	0.0437 mL	0.2184 mL	0.4368 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

Zhang H, et al. Discovery of N-(Indazol-3-yl)piperidine-4-carboxylic Acids as RORyt Allosteric Inhibitors for Autoimmune Diseases. ACS Med Chem Lett. 2020 Jan 9;11(2):114-119.

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