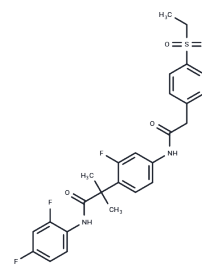


S18-000003

Chemical Properties

CAS No. : 2068119-11-7
 Formula: C₂₆H₂₅F₃N₂O₄S
 Molecular Weight: 518.55
 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	S18-000003 is an effective orally bioavailable retinoic acid receptor-related orphan receptor-gamma-t inhibitor (IC ₅₀ : 29 nM). S18-000003 inhibits IL-17 production.
Targets(IC ₅₀)	ROR

Solubility Information

Solubility	DMSO: 100 mg/mL (192.85 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	1.9285 mL	9.6423 mL	19.2845 mL
5 mM	0.3857 mL	1.9285 mL	3.8569 mL
10 mM	0.1928 mL	0.9642 mL	1.9285 mL
50 mM	0.0386 mL	0.1928 mL	0.3857 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

Sasaki Y, et al. Discovery of a potent orally bioavailable retinoic acid receptor-related orphan receptor-gamma-t (ROR γ t) inhibitor, S18-000003. *Bioorg Med Chem Lett*. 2018 Dec 1;28(22):3549-3553.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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