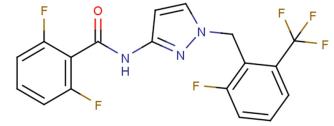


Data Sheet (Cat.No.T11473)

GSK-5498A

Chemical Properties

CAS No.:	1253186-49-0
Formula:	C ₁₈ H ₁₁ F ₆ N ₃ O
Molecular Weight:	399.29
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	GSK-5498A is a selective blocker of CARC (IC ₅₀ , 1 μM). It inhibits mediator release from mast cells, and pro-inflammatory cytokine release from T-cells in a variety of species.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 100 mg/mL (250.44 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.504 mL	12.522 mL	25.044 mL
5 mM	0.501 mL	2.504 mL	5.009 mL
10 mM	0.25 mL	1.252 mL	2.504 mL
50 mM	0.05 mL	0.25 mL	0.501 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Rice LV, et al. Characterization of selective Calcium-Release Activated Calcium channel blockers in mast cells and T-cells from human, rat, mouse and guinea-pig preparations. *Eur J Pharmacol.* 2013 Mar 15;704(1-3):49-57.

Inhibitors · Natural Compounds · Compound Libraries

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