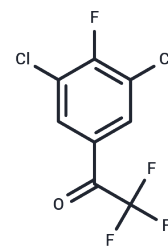


1-(3,5-Dichloro-4-fluorophenyl)-2,2,2-trifluoroethanone

Chemical Properties

CAS No. :	1190865-44-1
Formula:	C ₈ H ₂ Cl ₂ F ₄ O
Molecular Weight:	261
Storage:	Pure form: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	1-(3,5-Dichloro-4-fluorophenyl)-2,2,2-trifluoroethanone (sarolaner) is an intermediate of Sarolaner.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (210.73 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	3.8314 mL	19.1571 mL	38.3142 mL
5 mM	0.7663 mL	3.8314 mL	7.6628 mL
10 mM	0.3831 mL	1.9157 mL	3.8314 mL
50 mM	0.0766 mL	0.3831 mL	0.7663 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

Lingxiao Zhang, et al. Synthetic method of 3',5' -dichloro-2, 2, 2-trifluoro acetophenone derivative. CN113024390A

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