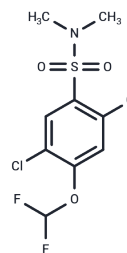


2,5-dichloro-4-(difluoromethoxy)-N,N-dimethylbenzene-1-sulfonamide

Chemical Properties

CAS No. :	473477-26-8
Formula:	C ₉ H ₉ Cl ₂ F ₂ NO ₃ S
Molecular Weight:	320.14
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	2,5-dichloro-4-(difluoromethoxy)-N,N-dimethylbenzene-1-sulfonamide is a PDE inhibitor.
Targets(IC50)	PDE

Solubility Information

Solubility	DMSO: 55 mg/mL (171.8 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	3.1236 mL	15.6182 mL	31.2363 mL
5 mM	0.6247 mL	3.1236 mL	6.2473 mL
10 mM	0.3124 mL	1.5618 mL	3.1236 mL
50 mM	0.0625 mL	0.3124 mL	0.6247 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

Kelly Aubart, et al. Compounds and their use as PDE inhibitors. US20020156064A1. 2001-03-06.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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