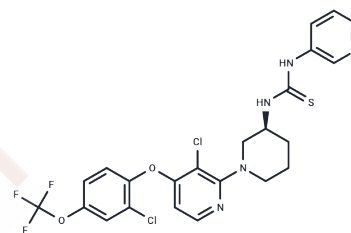


(S)-DO271

Chemical Properties

CAS No. : 2301865-01-8
 Formula: C₂₃H₂₀Cl₂F₃N₅O₂S
 Molecular Weight: 558.4
 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	(S)-DO271 is an inactive control probe for ABHD12 (IC ₅₀ > 100 μM). It does not induce upregulation of inflammatory factors, exhibits no cytotoxicity, and can serve as a negative control for ABHD12.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7908 mL	8.9542 mL	17.9083 mL
5 mM	0.3582 mL	1.7908 mL	3.5817 mL
10 mM	0.1791 mL	0.8954 mL	1.7908 mL
50 mM	0.0358 mL	0.1791 mL	0.3582 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

Ogasawara D, et al. Discovery and Optimization of Selective and in Vivo Active Inhibitors of the Lysophosphatidylserine Lipase α/β-Hydrolase Domain-Containing 12 (ABHD12). J Med Chem. 2019 Feb 14;62(3): 1643-1656.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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