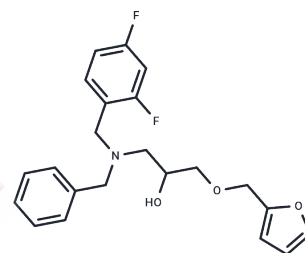


ANAT inhibitor-2

Chemical Properties

CAS No. : 1048244-34-3
 Formula: C₂₂H₂₃F₂NO₃
 Molecular Weight: 387.42
 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	ANAT inhibitor-2 is an ANAT inhibitor for canavan disease with an IC ₅₀ value of 20 μM.
Targets(IC ₅₀)	Others,Acyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5812 mL	12.9059 mL	25.8118 mL
5 mM	0.5162 mL	2.5812 mL	5.1624 mL
10 mM	0.2581 mL	1.2906 mL	2.5812 mL
50 mM	0.0516 mL	0.2581 mL	0.5162 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

Nešuta O, et al. High Throughput Screening Cascade To Identify Human Aspartate N-Acetyltransferase (ANAT) Inhibitors for Canavan Disease. ACS Chem Neurosci. 2021 Sep 15;12(18):3445-3455.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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