

Virodhamine trifluoroacetate

Chemical Properties

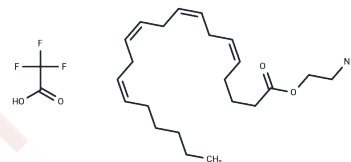
CAS No. : 1415264-56-0

Formula: C₂₄H₃₈F₃NO₄

Molecular Weight: 461.56

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	Virodhamine trifluoroacetate is an antagonist of endogenous cannabinoid receptor mixed that acts by being a full agonist at GPR55 and CB2 and partial antagonist at CB1.
Targets(IC50)	Cannabinoid Receptor,Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1666 mL	10.8328 mL	21.6657 mL
5 mM	0.4333 mL	2.1666 mL	4.3331 mL
10 mM	0.2167 mL	1.0833 mL	2.1666 mL
50 mM	0.0433 mL	0.2167 mL	0.4333 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

- Hillard CJ, Huang H, Vogt CD, Rodrigues BE, Neumann TS, Sem DS, Schroeder F, Cunningham CW. Endocannabinoid Transport Proteins: Discovery of Tools to Study Sterol Carrier Protein-2. *Methods Enzymol.* 2017;593:99-121. doi: 10.1016/bs.mie.2017.06.017. Epub 2017 Jul 17. PubMed PMID: 28750817.
- Pertwee RG. Endocannabinoids and Their Pharmacological Actions. *Handb Exp Pharmacol.* 2015;231:1-37. doi: 10.1007/978-3-319-20825-1_1. Review. PubMed PMID: 26408156.
- Hind WH, Tufarelli C, Neophytou M, Anderson SI, England TJ, O'Sullivan SE. Endocannabinoids modulate human blood-brain barrier permeability in vitro. *Br J Pharmacol.* 2015 Jun;172(12):3015-27. doi: 10.1111/bph.13106. Epub 2015 Apr 10. PubMed PMID: 25651941; PubMed Central PMCID: PMC4459020.
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