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**Product Data Sheet**

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Product Name: Virodhamine trifluoroacetate

Cat. No.: GC50155

**Chemical Properties**

Cas. No. 1415264-56-0

SMILES O=C(OCCN)CCC\C=C/C\C=C/C/C=C\C/C=C\C\CCCCC.FC(F)(F)C(O)=OFormula C22H37NO2.CF3CO2H M.Wt 461.56

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

TFA salt of virodhamine, an endogenous cannabinoid receptor mixed agonist/antagonist that is found in higher concentrations peripherally than anandamide. Virodhamine is a full agonist at GPR55 and CB2 and partial agonist/antagonist at CB1 (EC50 values are 12, 381 and 2920 nM at GPR55, CB2 and CB1 receptors respectively).

Porter et al (2002) Characterization of a novel endocannabinoid, virodhamine, with antagonist activity at the CB1 receptor. J.Pharmacol.Exp.Ther. 301 1020 PMID:12023533

**Caution: Product has not been fully validated for medical applications. For research use only.**

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