

WKYMVM TFA

Chemical Properties

CAS No. : 1313730-09-4

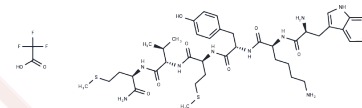
Formula: C43H62F3N9O9S2

Molecular Weight: 970.13

Keep away from moisture

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	WKYMVm is a selective FPR2 agonist with high affinity, which was identified through screening of a synthetic peptide library.
Targets(IC50)	Apoptosis

Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0308 mL	5.1539 mL	10.3079 mL
5 mM	0.2062 mL	1.0308 mL	2.0616 mL
10 mM	0.1031 mL	0.5154 mL	1.0308 mL
50 mM	0.0206 mL	0.1031 mL	0.2062 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

Christophe T, et al. The synthetic peptide Trp-Lys-Tyr-Met-Val-Met-NH₂ specifically activates neutrophils through FPRL1/lipoxin A4 receptors and is an agonist for the orphan monocyte-expressed chemoattractant receptor FPRL2. J Biol Chem. 2001 Jun 15;276(24):21585-93.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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