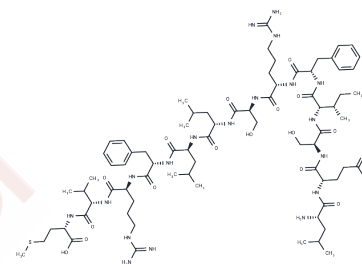


MMK 1

Chemical Properties

CAS No. : 271246-66-3
 Formula: C₇₅H₁₂₃N₁₉O₁₈S
 Molecular Weight: 1610.97
 Storage: Keep away from moisture
 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	Potent and selective human formyl peptide receptor FPR2 agonist (EC ₅₀ values are 1, 2 and > 10 000 nM at mFPR2, hFPR2 and hFPR1 respectively). Induces migration of human monocytes and neutrophils via a chemotactic mechanism and enhances production of proinflammatory cytokines IL-1 β and IL-6. Also activates the neutrophil superoxide-generating NADPH-oxidase.
Targets(IC50)	Calcium Channel

Solubility Information

Solubility	25% ethanol / water: 0.5 mg/mL (0.31 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6207 mL	3.1037 mL	6.2074 mL
5 mM	0.1241 mL	0.6207 mL	1.2415 mL
10 mM	0.0621 mL	0.3104 mL	0.6207 mL
50 mM	0.0124 mL	0.0621 mL	0.1241 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

Hu et al (2001) Synthetic peptide MMK-1 is a highly specific chemotactic agonist for leukocyte FPRL1. J.Leukoc.Biol. 70 155 PMID:

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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