

MMK1 TFA

Chemical Properties

CAS No. :

Formula: C77H124F3N19O20S

Molecular Weight: 1724.98

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	MMK1 TFA is a potent, selective agonist for the human formyl peptide receptor like-1 (FPRL-1/FPR2), exhibiting EC50 values of 2 nM for FPRL-1 and >10,000 nM for FPR1. This compound acts as a powerful chemotactic and calcium-mobilizing agent, effectively activating phagocytic leukocytes. It significantly enhances the Pertussis Toxin-sensitive production of proinflammatory cytokines IL-1b and IL-6 by human monocytes. Additionally, MMK1 TFA has been demonstrated to exhibit anxiolytic-like activity [1] [2] [3] [4].
Targets(IC50)	Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5797 mL	2.8986 mL	5.7972 mL
5 mM	0.1159 mL	0.5797 mL	1.1594 mL
10 mM	0.058 mL	0.2899 mL	0.5797 mL
50 mM	0.0116 mL	0.058 mL	0.1159 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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