

MMI-0100

Chemical Properties

CAS No. : 1039342-24-9

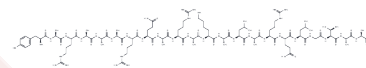
Formula: C98H171N37O26

Molecular Weight: 2283.64

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	MMI-0100, a cell-permeant peptide inhibitor of mitogen-activated protein kinase activated protein kinase II (MK2), effectively reduces intimal hyperplasia ex vivo and in vivo. It specifically suppresses IL-6 expression while not affecting IL-8 expression and mitigates fibrotic processes, including vein graft disease [1].
Targets(IC50)	MAPK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4379 mL	2.1895 mL	4.379 mL
5 mM	0.0876 mL	0.4379 mL	0.8758 mL
10 mM	0.0438 mL	0.2189 mL	0.4379 mL
50 mM	0.0088 mL	0.0438 mL	0.0876 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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