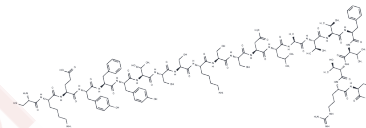


Cyclic MKEY

Chemical Properties

CAS No. :	934385-55-4
Formula:	C113H174N28O34S2
Molecular Weight:	2532.89
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	MKEY, a synthetic cyclic peptide inhibitor of CXCL4-CCL5 heterodimer formation, has been shown to protect against atherosclerosis and aortic aneurysm formation by mediating inflammation, but whether it modulates neuroinflammation and brain injury has not been studied.
Targets(IC50)	CXCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3948 mL	1.974 mL	3.9481 mL
5 mM	0.079 mL	0.3948 mL	0.7896 mL
10 mM	0.0395 mL	0.1974 mL	0.3948 mL
50 mM	0.0079 mL	0.0395 mL	0.079 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

Fan Y, et al. MKEY, a Peptide Inhibitor of CXCL4-CCL5 Heterodimer Formation, Protects Against Stroke in Mice. J Am Heart Assoc. 2016 Sep 15;5(9). pii: e003615.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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