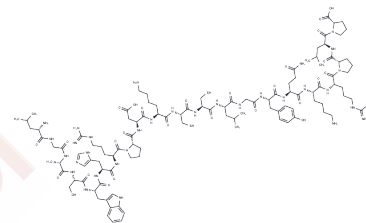


## vMIP-II (1-21)

## Chemical Properties

CAS No. :	265650-93-9
Formula:	C108H169N33O27S
Molecular Weight:	2425.84
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	vMIP-II (1-21), a CXCR4 antagonist, exhibits broad-spectrum interaction with both CC and CXC chemokine receptors, specifically binding to CXCR4. It competes for CXCR4 binding of 125I-SDF-1R with an IC <sub>50</sub> value of 190 nM [1].
Targets(IC <sub>50</sub> )	CXCR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4122 mL	2.0611 mL	4.1223 mL
5 mM	0.0824 mL	0.4122 mL	0.8245 mL
10 mM	0.0412 mL	0.2061 mL	0.4122 mL
50 mM	0.0082 mL	0.0412 mL	0.0824 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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