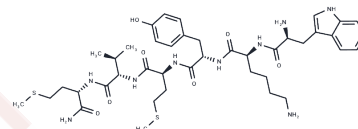


## WKYMVM-NH2

## Chemical Properties

CAS No. :	187986-11-4
Formula:	C41H61N9O7S2
Molecular Weight:	856.109
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	WKYMVM-NH2 is a hexapeptide that activates neutrophils and myeloid cells through the FPRL1 and FPRL2 receptors, with EC50 values of 2 nM for HL-60-FPRL1 cells and 80 nM for HL-60-FPRL2 cells. It also induces chemotaxis in HL-60 cells stably expressing FPRL2, with optimal migration observed at concentrations ranging from 10 to 50 nM. Additionally, WKYMVM-NH2 stimulates neutrophils to produce superoxide with an EC50 of 75 nM. It is applicable in research focused on inflammatory diseases.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1681 mL	5.8404 mL	11.6807 mL
5 mM	0.2336 mL	1.1681 mL	2.3361 mL
10 mM	0.1168 mL	0.584 mL	1.1681 mL
50 mM	0.0234 mL	0.1168 mL	0.2336 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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