

## Leucokinin VIII

## Chemical Properties

CAS No. :

Formula: C42H52N10O11

Molecular Weight: 872.92

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	Leucokinin VIII, a diuretic octapeptide, is isolated from head extracts of the cockroach.
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## Solubility Information

Solubility	H2O: Soluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1456 mL	5.7279 mL	11.4558 mL
5 mM	0.2291 mL	1.1456 mL	2.2912 mL
10 mM	0.1146 mL	0.5728 mL	1.1456 mL
50 mM	0.0229 mL	0.1146 mL	0.2291 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

Pannabecker TL, et al. Regulation of epithelial shunt conductance by the peptide leucokinin. J Membr Biol. 1993 Feb;132(1):63-76.

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