

## rCRAMP (rat) acetate

## Chemical Properties

CAS No. :

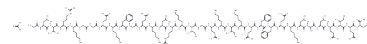
Formula: C183H306N50O50

Molecular Weight: 4006.69

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	rCRAMP (rat) acetate, a cathelin-related antimicrobial peptide, exhibits antibacterial activity in rat brain peptide/protein extracts.
Targets(IC50)	Antibacterial

## Solubility Information

Solubility	DMSO: 45.00 mg/mL (11.23 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2496 mL	1.2479 mL	2.4958 mL
5 mM	0.0499 mL	0.2496 mL	0.4992 mL
10 mM	0.025 mL	0.1248 mL	0.2496 mL
50 mM	0.005 mL	0.025 mL	0.0499 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

Peter Bergman, et al. The antimicrobial peptide rCRAMP is present in the central nervous system of the rat. J Neurochem. 2005 Jun;93(5):1132-40.

S Termén, et al. Phylogeny, processing and expression of the rat cathelicidin rCRAMP: a model for innate antimicrobial peptides. Cell Mol Life Sci. 2003 Mar;60(3):536-49.

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