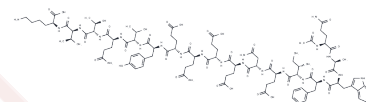


Ac9-25

## Chemical Properties

CAS No. :	284040-76-2
Formula:	C99H143N23O33
Molecular Weight:	2183.35
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	N-terminal peptide of Annexin I (AI/Lipocortin I) that inhibits leukocyte extravasation. Acts as a formyl peptide receptor 1 (FPR1) ligand and stimulates neutrophil NADPH oxidase activation.
Targets(IC50)	Others

## Solubility Information

Solubility	20% acetonitrile / water: 1 mg/mL (0.46 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	0.458 mL	2.2901 mL	4.5801 mL
5 mM	0.0916 mL	0.458 mL	0.916 mL
10 mM	0.0458 mL	0.229 mL	0.458 mL
50 mM	0.0092 mL	0.0458 mL	0.0916 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

Walther et al (2000) A novel ligand of the formyl peptide receptor: annexin I regulates neutrophil extravasation by interacting with the FPR. Mol.Cell 5 831 PMID:

Rabiert et al (2007) The N-formyl peptide receptors and the anaphylatoxin C5a receptors: an overview. Biochimie 89 1089 PMID:

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