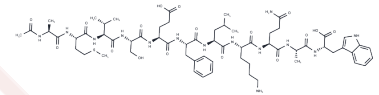


Ac2-12

Chemical Properties

CAS No. :	256447-08-2
Formula:	C63H94N14O17S
Molecular Weight:	1351.58
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	Annexin/lipocortin 1-mimetic peptide; inhibits leukocyte extravasation. Reduces neutrophil adhesion and emigration, and promotes detachment of neutrophils from activated mesenteric endothelium in mice in vivo.
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Solubility Information

Solubility	20% acetonitrile / water: 1 mg/mL (0.74 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	0.7399 mL	3.6994 mL	7.3987 mL
5 mM	0.148 mL	0.7399 mL	1.4797 mL
10 mM	0.074 mL	0.3699 mL	0.7399 mL
50 mM	0.0148 mL	0.074 mL	0.148 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

- Lim et al (1998) Promoting detachment of neutrophils adherent to murine postcapillary venules to control inflammation: effect of lipocortin 1 Proc.Natl.Acad.Sci.U.S.A. 95 14535 PMID:
Perretti et al (2001) Involvement of the receptor for formylated peptides in the in vivo anti-migratory actions of annexin 1 and its mimetics. Am.J.Pathol. 158 1969 PMID:

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