Data Sheet (Cat.No.TP2083L)

TargetMol®
YOUR TARGET MOLECULES

Ac9-25 acetate

Chemical Properties

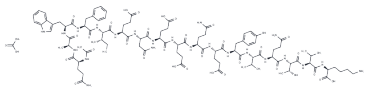
CAS No. : TP2083L

Formula: C101H147N23O35

Molecular Weight: 2243.38

Appearance: no data available

Storage: keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Ac9-25 acetate is an annexin AI peptide and activates the neutrophil reduced nicotinamide adenine dinucleotide phosphate oxidase through FPR but not through FPRL1.
Targets(IC50)	Others
In vitro	At a concentration of 20 μM, the N-terminal annexin I peptides Ac9-25 acetate markedly interfere with the transendothelial passage of neutrophils. Peptides derived from the N-terminal domains of other annexins do not elicit an inhibitory effect. Titration experiments show that a 50% inhibition of neutrophil transmigration is observed at ~5 μM annexin I peptide with Ac9-25 acetate[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4458 mL	2.2288 mL	4.4576 mL
5 mM	0.0892 mL	0.4458 mL	0.8915 mL
10 mM	0.0446 mL	0.2229 mL	0.4458 mL
50 mM	0.0089 mL	0.0446 mL	0.0892 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.

Reference

Karlsson J, et al. Neutrophil NADPH-oxidase activation by an annexin AI peptide is transduced by the formyl peptide receptor (FPR), whereas an inhibitory signal is generated independently of the FPR family receptors. J

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