

Ac9-25

Cat. No.:	HY-P1118
CAS No.:	284040-76-2
Molecular Formula:	C ₉₉ H ₁₄₃ N ₂₃ O ₃₃
Molecular Weight:	2183.33
Sequence:	Ac-Gln-Ala-Trp-Phe-Ile-Glu-Asn-Glu-Glu-Gln-Glu-Tyr-Val-Gln-Thr-Val-Lys
Sequence Shortening:	Ac-QAWFIENESEQEYVQTVK
Target:	Formyl Peptide Receptor (FPR)
Pathway:	GPCR/G Protein
Storage:	Sealed storage, away from moisture
	Powder -80°C 2 years
	-20°C 1 year

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

BIOLOGICAL ACTIVITY

Description	Ac9-25, a N-terminal peptide of Annexin I, acts as a formyl peptide receptor (FPR) agonist and activates the neutrophil NADPH oxidase through FPR ^{[1][2]} .
--------------------	---

REFERENCES

- [1]. Walther A, et al. A novel ligand of the formyl peptide receptor: annexin I regulates neutrophil extravasation by interacting with the FPR. *Mol Cell*. 2000;5(5):831-840.
- [2]. 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 Leukoc Biol*. 2005;78(3):762-771.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA