



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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N-Formyl-Met-Leu-Phe-Lys

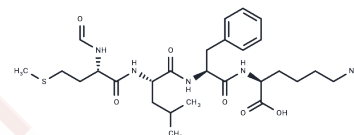
Chemical Properties

CAS No. : 67247-11-4

Formula: C₂₇H₄₃N₅O₆S

Molecular Weight: 565.73

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	N-Formyl-Met-Leu-Phe-Lys (fMLFK) is a peptide that acts as a potent and selective agonist of FPR1, with EC ₅₀ s of 3.5 nM for FPR1, 6.7 μM for FPR2, and 0.88 μM for FPR2-D2817.32G. This chemotactic peptide binds specifically to receptors on leukocyte membranes and its uptake can contribute to the quantitative assessment of neutrophils in localized inflammatory processes, independent of associated edema formation or microcirculatory compromise.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	H ₂ O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7676 mL	8.8381 mL	17.6763 mL
5 mM	0.3535 mL	1.7676 mL	3.5353 mL
10 mM	0.1768 mL	0.8838 mL	1.7676 mL
50 mM	0.0354 mL	0.1768 mL	0.3535 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

He HQ, et al. Structural determinants for the interaction of formyl peptide receptor 2 with peptide ligands. J Biol Chem. 2014 Jan 24;289(4):2295-306.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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