

N-Formyl-Nle-Leu-Phe-Nle-Tyr-Lys TFA

Chemical Properties

CAS No. :

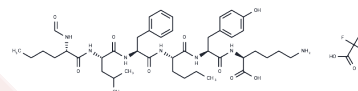
Formula: C45H66F3N7O11

Molecular Weight: 938.04

Keep away from moisture

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

Actual storage temperature shall be subject to the COA.



Biological Description

Description	N-Formyl-Nle-Leu-Phe-Nle-Tyr-Lys TFA (For-Nle-Leu-Phe-Nle-Tyr-Lys-OH (TFA)) (For-Nle-Leu-Phe-Nle-Tyr-Lys-OH TFA) is a formyl peptide receptor (FPR) agonist and a potent chemoattractant for human neutrophils, with its radioiodinated form retaining full biological activity.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 10 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	1.0661 mL	5.3303 mL	10.6605 mL
5 mM	0.2132 mL	1.0661 mL	2.1321 mL
10 mM	0.1066 mL	0.533 mL	1.0661 mL
50 mM	0.0213 mL	0.1066 mL	0.2132 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

Stenfeldt AL, et al. The non-steroidal anti-inflammatory drug piroxicam blocks ligand binding to the formyl peptidoreceptor but not the formyl peptide receptor like 1. *Biochem Pharmacol.* 2007 Oct 1;74(7):1050-6.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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