

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

Chemical Properties

CAS No. :

Formula: C45H66F3N7O11

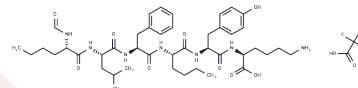
Molecular Weight: 938.04

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-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, (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

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.

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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