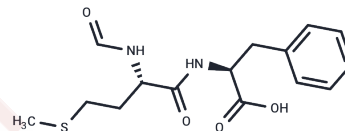


For-Met-Phe-OH

Chemical Properties

CAS No. :	22008-60-2
Formula:	C ₁₅ H ₂₀ N ₂ O ₄ S
Molecular Weight:	324.40
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	For-Met-Phe-OH is a synthetic N-formyl-L-methionyl-L-phenylalanine, a dipeptide compound modified by formylation. For-Met-Phe-OH is a selective agonist of the formyl peptide receptor (FPR1). For-Met-Phe-OH exhibits moderate chemotactic activity against human neutrophils in vitro and can induce local inflammatory responses in mouse models of inflammation in vivo.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0826 mL	15.4131 mL	30.8261 mL
5 mM	0.6165 mL	3.0826 mL	6.1652 mL
10 mM	0.3083 mL	1.5413 mL	3.0826 mL
50 mM	0.0617 mL	0.3083 mL	0.6165 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

He HQ, et al. The Formyl Peptide Receptors: Diversity of Ligands and Mechanism for Recognition. *Molecules*. 2017; 22(3):455. Published 2017 Mar 13.

Zhuang Y, et al. Molecular recognition of formylpeptides and diverse agonists by the formylpeptide receptors FPR1 and FPR2. *Nat Commun*. 2022;13(1):1054. Published 2022 Feb 25.

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