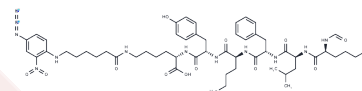


Nph-peptide

Chemical Properties

CAS No. :	84311-50-2
Formula:	C ₅₅ H ₇₈ N ₁₂ O ₁₂
Molecular Weight:	1099.28
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Nph-peptide can be used for photoaffinity labeling of the N-formyl peptide receptor site of intact human polymorphonuclear leukocytes.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9097 mL	4.5484 mL	9.0969 mL
5 mM	0.1819 mL	0.9097 mL	1.8194 mL
10 mM	0.091 mL	0.4548 mL	0.9097 mL
50 mM	0.0182 mL	0.091 mL	0.1819 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

- Dolmatch B, Niedel J. Formyl peptide chemotactic receptor. Evidence for an active proteolytic fragment. *J Biol Chem.* 1983 Jun 25;258(12):7570-7. PubMed PMID: 6305946.
- Allen RA, Jesaitis AJ, Sklar LA, Cochrane CG, Painter RG. Physicochemical properties of the N-formyl peptide receptor on human neutrophils. *J Biol Chem.* 1986 Feb 5;261(4):1854-7. PubMed PMID: 3944114.
- Allen RA, Jesaitis AJ, Cochrane CG. Photoaffinity labelling of N-formyl peptide receptors. *Pharmacol Ther.* 1987;33(2-3):333-48. Review. PubMed PMID: 3310037.
- Schmitt M, Painter RG, Jesaitis AJ, Preissner K, Sklar LA, Cochrane CG. Photoaffinity labeling of the N-formyl peptide receptor binding site of intact human polymorphonuclear leukocytes. A label suitable for following the fate of the receptor-ligand complex. *J Biol Chem.* 1983 Jan 10;258(1):649-54. PubMed PMID: 6294117.

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