

P-113

Chemical Properties

CAS No. : 190673-58-6

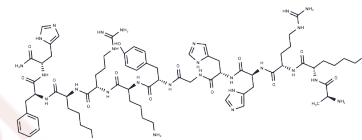
Formula: C71H110N28O13

Molecular Weight: 1563.81

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	P-113 is a peptide with antimicrobial activity.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6395 mL	3.1973 mL	6.3946 mL
5 mM	0.1279 mL	0.6395 mL	1.2789 mL
10 mM	0.0639 mL	0.3197 mL	0.6395 mL
50 mM	0.0128 mL	0.0639 mL	0.1279 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

- Lee KW, Moon KH, Ma CH, Lee GS, Yang DS, Choy WS. Clinical and Radiologic Outcomes After Medializing and Not Medializing Rotator Cuff Tendon Attachment Site on Chronic Retracted Rotator Cuff Tears. *Arthroscopy*. 2018 May 24. pii: S0749-8063(18)30235-4. doi: 10.1016/j.arthro.2018.03.015. [Epub ahead of print] PubMed PMID: 29804954.
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- Wang H, Ai L, Zhang Y, Cheng J, Yu H, Li C, Zhang D, Pan Y, Lin L. The Effects of Antimicrobial Peptide Nal-P-113 on Inhibiting Periodontal Pathogens and Improving Periodontal Status. *Biomed Res Int*. 2018 Mar 15;2018:1805793. doi: 10.1155/2018/1805793. eCollection 2018. PubMed PMID: 29736391; PubMed Central PMCID: PMC5875022.
- Shi B, Zhao Q, Xu L, Liu Z, Sun X, Zhu Z, Qiu Y. SRS-Schwab Grade 4 osteotomy for congenital thoracolumbar kyphosis: a minimum of 2 years follow-up study. *Spine J*. 2018 Apr 20. pii: S1529-9430(18)30165-7. doi: 10.1016/j.spinee.2018.04.011. [Epub ahead of print] PubMed PMID: 29680510.

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