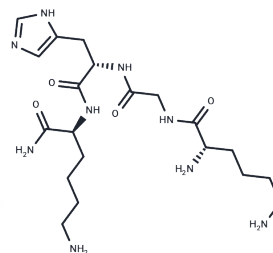


Tetrapeptide-3

Chemical Properties

CAS No. :	827306-97-8
Formula:	C ₂₀ H ₃₇ N ₉ O ₄
Molecular Weight:	467.57
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	Tetrapeptide-3 is a bioactive chemical.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1387 mL	10.6936 mL	21.3872 mL
5 mM	0.4277 mL	2.1387 mL	4.2774 mL
10 mM	0.2139 mL	1.0694 mL	2.1387 mL
50 mM	0.0428 mL	0.2139 mL	0.4277 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

- Zhang S, Qiu Y, Gao Y. Enhanced delivery of hydrophilic peptides in vitro by transdermal microneedle pretreatment. *Acta Pharm Sin B*. 2014 Feb;4(1):100-4. doi: 10.1016/j.apsb.2013.12.011. Epub 2014 Jan 24. PubMed PMID: 26579370; PubMed Central PMCID: PMC4590292.
- Celis S, Nolis P, Illa O, Branchadell V, Ortuño RM. Low-molecular-weight gelators consisting of hybrid cyclobutane-based peptides. *Org Biomol Chem*. 2013 May 7;11(17):2839-46. doi: 10.1039/c3ob27347d. Epub 2013 Mar 14. PubMed PMID: 23493972.
- Wiegand H, Wirz B, Schweitzer A, Gross G, Perez MI, Andres H, Kimmerlin T, Rueping M, Seebach D. Pharmacokinetic investigation of a ¹⁴C-labelled beta 3/alpha tetrapeptide in rats. *Chem Biodivers*. 2004 Nov;1(11):1812-28. PubMed PMID: 17191818.
- Schmuck C, Heil M. One-armed artificial receptors for the binding of polar tetrapeptides in water: probing the substrate selectivity of a combinatorial receptor library. *Chemistry*. 2006 Feb 1;12(5):1339-48. PubMed PMID: 16315202.

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