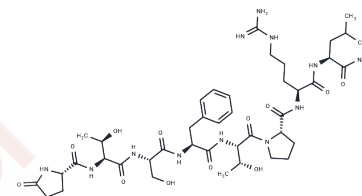


Leucopyrokinin

Chemical Properties

CAS No. :	104052-00-8
Formula:	C42H66N12O12
Molecular Weight:	931.05
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	Leucopyrokinin is a myotropic neuropeptide.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0741 mL	5.3703 mL	10.7406 mL
5 mM	0.2148 mL	1.0741 mL	2.1481 mL
10 mM	0.1074 mL	0.537 mL	1.0741 mL
50 mM	0.0215 mL	0.1074 mL	0.2148 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

- Ryszka F, Dolińska B, Suszka-Świtek A, Rykaczewska-Czerwińska M, Konopińska D, Kuczer M, Plech A. Distribution in Rats Internal Organs of Intraperitoneally Given 125I-Labeled Heptapeptide [2-8]-Leucopyrokinin ([2-8]-LPK), a Truncated Analog of Insect Neuropeptide Leucopyrokinin. *Adv Clin Exp Med*. 2015 Jul-Aug;24(4):579-84. doi: 10.17219/acem/24503. PubMed PMID: 26469101.
- Plech A, Rykaczewska-Czerwińska M, Bartosz-Bechowski H, Lombarska-Sliwińska D, Małota M, Szewczyk M, Brus R, Konopińska D. Insect neuropeptide leucopyrokinin analogues--synthesis and antinociceptive effect in rats. *Pol J Pharmacol*. 1997 Mar-Jun;49(2-3):119-26. PubMed PMID: 9437758.
- Plech A, Rykaczewska-Czerwińska M, Konopińska D. Leucopyrokinin (LPK) analog [d-Ala(5)]-[2-8]-LPK inhibits LPK-induced analgesia in rats. *Peptides*. 2004 Jun;25(6):1005-11. PubMed PMID: 15203248.
- Plech A, Rykaczewska-Czerwińska M, Ryszka F, Suszka-Switek A, Dolińska B, Konopińska D. Distribution of 125I-labeled [2-8]-leucopyrokinin, active analog of leucopyrokinin in rats. *Acta Pol Pharm*. 2005 Sep-Oct;62(5):393-7. PubMed PMID: 16459488.

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