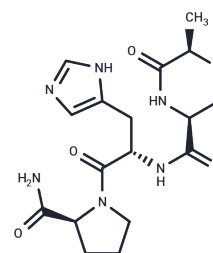


Montirelin

Chemical Properties

CAS No. :	90243-66-6
Formula:	C ₁₇ H ₂₄ N ₆ O ₄ S
Molecular Weight:	408.48
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	Montirelin is an analog of thyrotropin-releasing hormone.
Targets(IC50)	Others,Thyroid hormone receptor(THR)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4481 mL	12.2405 mL	24.481 mL
5 mM	0.4896 mL	2.4481 mL	4.8962 mL
10 mM	0.2448 mL	1.2241 mL	2.4481 mL
50 mM	0.049 mL	0.2448 mL	0.4896 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

- Fujisawa H, Nishimura T, Kimura K. [Antigenicity study on montirelin hydrate (NS-3)]. J Toxicol Sci. 1995 Dec;20 Suppl 2:341-8. Japanese. PubMed PMID: 9019567.
- Urayama A, Yamada S, Hirano K, Deguchi Y, Kimura R. Brain receptor binding characteristics and pharmacokinetic-pharmacodynamic analysis of thyrotropin-releasing hormone analogues. Life Sci. 2001 Dec 28; 70(6):647-57. PubMed PMID: 11833715.
- Shibata R, Ishii T, Nishiguchi Y, Iwakura K, Sumi N. [Vascular irritability study of montirelin hydrate (NS-3) injection in rabbits]. J Toxicol Sci. 1995 Dec;20 Suppl 2:335-40. Japanese. PubMed PMID: 9019566.
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