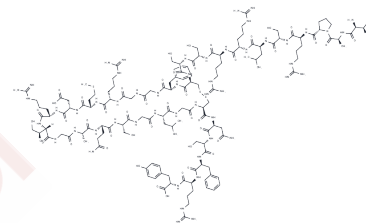


Ularitide

Chemical Properties

CAS No. :	118812-69-4
Formula:	C145H234N52O44S3
Molecular Weight:	3505.97
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	Ularitide is a 32-amino acid peptide derived from (95-126 residues) of ANP PROHORMONE (1-126 residues). It isn't biologically inactivated by a peptidase from dog kidney cortex membranes.
Targets(IC50)	Natriuretic peptide

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2852 mL	1.4261 mL	2.8523 mL
5 mM	0.057 mL	0.2852 mL	0.5705 mL
10 mM	0.0285 mL	0.1426 mL	0.2852 mL
50 mM	0.0057 mL	0.0285 mL	0.057 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

- Anker SD, Ponikowski P, Mitrovic V, Peacock WF, Filippatos G. Ularitide for the treatment of acute decompensated heart failure: from preclinical to clinical studies. *Eur Heart J*. 2015 Mar 21;36(12):715-23. doi: 10.1093/eurheartj/ehu484. Epub 2015 Feb 10. Review. PubMed PMID: 25670819; PubMed Central PMCID: PMC4368857.
- Emani S, Meyer M, Palm D, Holzmeister J, Haas GJ. Ularitide: a natriuretic peptide candidate for the treatment of acutely decompensated heart failure. *Future Cardiol*. 2015 Sep;11(5):531-46. doi: 10.2217/fca.15.53. Epub 2015 Aug 17. Review. PubMed PMID: 26278236.
- Kumar VA, Viau D, Levy P. New Drugs You Are Going to Read About: Serelaxin, Ularitide, TRV027. *Curr Emerg Hosp Med Rep*. 2015 May 1;3(2):66-73. PubMed PMID: 26236569; PubMed Central PMCID: PMC4518848.
- Mitrovic V, Seferovic PM, Simeunovic D, Ristic AD, Miric M, Moiseyev VS, Kobalava Z, Nitsche K, Forssmann WG, Lüss H, Meyer M. Haemodynamic and clinical effects of ularitide in decompensated heart failure. *Eur Heart J*. 2006 Dec; 27(23):2823-32. Epub 2006 Oct 30. PubMed PMID: 17074775.

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