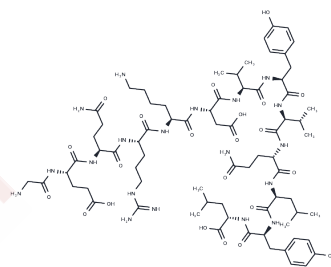


## Thymopoietin i/ii (29-41) (bovine)

## Chemical Properties

CAS No. :	56795-64-3
Formula:	C73H115N19O22
Molecular Weight:	1610.81
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	Thymopoietin I/II (29-41) (bovine) is a bovine-derived peptide that serves as a neuromuscular blocker [1], encompassing amino acid positions 29 to 41 of the thymopoietin II sequence.
In vitro	Thymopoietin I/II (29-41) (bovine) elicits a Neostigmine-responsive neuromuscular blockade in mice, akin to the effect produced by thymopoietin itself. Hence, this 13-amino acid sequence presumably contains critical residues necessary for T-cell differentiation and neuromuscular functions ascribed to the thymopoietin molecule [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6208 mL	3.104 mL	6.2081 mL
5 mM	0.1242 mL	0.6208 mL	1.2416 mL
10 mM	0.0621 mL	0.3104 mL	0.6208 mL
50 mM	0.0124 mL	0.0621 mL	0.1242 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.

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