

## TIP 39, Tuberoinfundibular Neuropeptide

## Chemical Properties

CAS No. :	277302-47-3
Formula:	C202H325N61O54S
Molecular Weight:	4504.2
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>

SLALADDAAFREARLLAALERRHWLNSYMHKLLVLDAP

## Biological Description

Description	This is a tuberoinfundibular neuropeptide and parathyroid hormone 2(PTH 2)-receptor agonist from hypothalamus. Synthetic TIP39 activates human and rat PTH2 receptors.
Targets(IC50)	AChR

## Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.222 mL	1.1101 mL	2.2202 mL
5 mM	0.0444 mL	0.222 mL	0.444 mL
10 mM	0.0222 mL	0.111 mL	0.222 mL
50 mM	0.0044 mL	0.0222 mL	0.0444 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

Della Penna K, et al. Tuberoinfundibular peptide of 39 residues (TIP39): molecular structure and activity for parathyroid hormone 2 receptor. *Neuropharmacology*. 2003 Jan;44(1):141-53.

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