
Product Data Sheet

Product Name: TIP 39, Tuberoinfundibular Neuropeptide

Cat. No.: GC37797

Chemical Properties

Cas. No. 277302-47-3

Formula $C_{202}H_{325}N_{61}O_{54}S$

M.Wt 4504.2

Solubility H_2O : 50 mg/mL (11.10 mM; Need ultrasonic)Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

TIP 39, Tuberoinfundibular Neuropeptide is a neuropeptide and parathyroid hormone 2 receptor (PTH2R) agonist. TIP 39 is highly conserved among species. TIP39 from all species activates adenylyl cyclase and elevates intracellular calcium levels through parathyroid hormone 2 receptor (PTH2R)[1].

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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