
Product Data Sheet

Product Name: NT 13 (TPPT)

Cat. No.: GC33740

Chemical Properties

Cas. No. 117928-93-5

SMILES Thr-Pro-Pro-Thr

Formula C₁₈H₃₀N₄O₇ M.Wt 414.45

Solubility DMSO : ≥ 122.5 mg/mL (295.57 mM) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°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**

NT 13 (TPPT) is a tetrapeptide having the amino acid sequence L-threonyl-L-prolyl-L-prolyl-L-threonine amide. NT 13 is a partial N-methyl-D-aspartate receptor (NMDAR) agonist used in the study of depression, anxiety, and other related diseases.

NT 13 derivatives are used in the study of depression, anxiety, and other related diseases. Some NT 13 derivatives are NMDAR partial agonist[1].

[1]. Moskal J. Methods of treating depression and other related diseases. US9340576B2

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

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