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**Product Data Sheet**

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Product Name: TIPP  
Cat. No.: GA23617

**Chemical Properties**

Cas. No. 146369-65-5

Formula  $C_{37}H_{38}N_4O_6$  M.Wt 634.73

Solubility Soluble in DMSO 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**

The tetrapeptide TIPP is a potent and highly selective antagonist at the  $\delta$ -opioid receptor ( $IC_{50} = 6$  nM) and therefore an ideal candidate for the study of opioid pharmacology ( $\delta$ -opioid receptors).

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

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