
Product Data Sheet

Product Name: (His³²,Leu³⁴)-Neuropeptide Y (32-36)

Cat. No.: GA20219

Chemical Properties

Cas. No. 168916-68-5

Formula C₃₃H₅₄N₁₄O₆ M.Wt 742.88

Solubility Soluble in DMSO 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**

The inactive NPY carboxy-terminal pentapeptide (IC₅₀ > 100 μM) was modified by replacing threonine with histidine and glutamine with leucine. The resulting peptide had a dramatically improved affinity (IC₅₀ = 0.45 μM) for the rat brain receptor

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

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