
Product Data Sheet

Product Name: [Pro3]-GIP (Rat)

Cat. No.: GC50277

Chemical Properties

Cas. No.

Formula C₂₂₆H₃₄₃N₆₁O₆₄S

M.Wt 4970.63

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

High affinity rat GIP receptor partial agonist (K_d = 13 nM). Increases cAMP accumulation in COS-7 cells transfected with rat GIP receptor, while also acting as a competitive antagonist of GIP.

Sparre-Ulrich et al (2016) Species-specific action of (Pro3)GIP - a full agonist at human GIP receptors, but a partial agonist and competitive antagonist at rat and mouse GIP receptors. Br.J.Pharmacol. 173 27 PMID:26359804

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

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