

Product Data Sheet

Product Name: GIP (1-30) amide, porcine TFA

Cat. No.: GC61569

Chemical Properties

Cas. No.

Formula $C_{164}H_{246}F_3N_{41}O_{49}S$ M.Wt 3665.02

Solubility DMSO: 100 mg/mL (27.28 mM);
 Water: < 0.1 mg/mL (ultrasonic)
 (insoluble) Storage -20°C, away from moisture and light

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

YAEGETFISDYSIAMDKIRQQDFVNWLLAQK-NH₂ (TFA salt)

Background

GIP (1-30) amide, porcine TFA is a full glucose-dependent insulinotropic polypeptide (GIP) receptor agonist with high affinity equal to native GIP(1-42)[1]. GIP (1-30) amide, porcine is a weak inhibitor of gastric acid secretion and potent stimulator of insulin.

[1]. L S Hansen, et al. N-terminally and C-terminally truncated forms of glucose-dependent insulinotropic polypeptide are high-affinity competitive antagonists of the human GIP receptor. Br J

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Pharmacol. 2016 Mar;173(5):826-38.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA