SZABO SCANDIC

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Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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human GIP(3-30), amide

Cat. No.: HY-P10138

CAS No.: 1884226-05-4

Molecular Formula: $C_{150}H_{226}N_{38}O_{44}S$

Molecular Weight: 3297.69

Sequence: Glu-Gly-Thr-Phe-Ile-Ser-Asp-Tyr-Ser-Ile-Ala-Met-Asp-Lys-Ile-His-Gln-Gln-Asp-Phe-Val-Asn-Trp-Leu-Leu-Ala-Gln-Lys-NH2

EGTFISDYSIAMDKIHQQDFVNWLLAQK-NH_2

Sequence Shortening: EGTFISDYSIAMDKIHQQDFVNWLLAQK-NH2

Target: Insulin Receptor

Pathway: Protein Tyrosine Kinase/RTK

Storage: Sealed storage, away from moisture

Powder -80°C 2 years

-20°C 1 year

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (30.32 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	0.3032 mL	1.5162 mL	3.0324 mL
	5 mM	0.0606 mL	0.3032 mL	0.6065 mL
	10 mM	0.0303 mL	0.1516 mL	0.3032 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

human GIP(3-30), amide is a high affinity antagonist of the human GIP receptor in vitro[1].

REFERENCES

[1]. Sparre-Ulrich AH, et al. GIP(3-30)NH2 is a potent competitive antagonist of the GIP receptor and effectively inhibits GIP-mediated insulin, glucagon, and somatostatin release. Biochem Pharmacol. 2017;131:78-88.

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

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