

Gastric Inhibitory Peptide, porcine

Cat. No.: HY-P3579
CAS No.: 11063-17-5
Molecular Formula: C₂₂₅H₃₄₂N₆₀O₆₆S
Molecular Weight: 4975.55
Sequence Shortening: YAEGTFISDYSIAMDKIRQQDFVNWLLAQKGGKSDWKHNITQ
Target: Insulin Receptor
Pathway: Protein Tyrosine Kinase/RTK
Storage: Sealed storage, away from moisture and light, under nitrogen
 Powder -80°C 2 years
 -20°C 1 year

YAEGTFISDYSIAMDKIRQQDF
VNWLLAQKGGKSDWKHNITQ

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

SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 33.33 mg/mL (6.70 mM)
 * "≥" means soluble, but saturation unknown.

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.2010 mL	1.0049 mL	2.0098 mL
	5 mM	0.0402 mL	0.2010 mL	0.4020 mL
	10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

Gastric Inhibitory Peptide, porcine is a glucose-dependent insulinotropic polypeptide, is a 42 amino acid intestinal hormone with effects on fat and glucose metabolism^[1].

REFERENCES

[1]. G W Morrow, et al. The insulinotropic region of gastric inhibitory polypeptide; fragment analysis suggests the bioactive site lies between residues 19 and 30. Canadian Journal of Physiology and Pharmacology. January 1996. Volume 74.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA