Hello Bio. Inc. 304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500 F. 609-228-4994

customercare-usa@hellobio.com



DATASHEET

Galanin (1-30) (human)

Product overview

Name Galanin (1-30) (human)

Cat No HB3238

Biological description Endogenous galanin receptor agonist peptide with high affinity for galanin receptors. Shows various

> endocrine, metabolic and behavioural effects and has been shown to show effect various processes such as apeptite, nociception, sleep regulation, cognition, synpatic transmission and insulin and

somatostatin release.

Biological action Agonist **Purity** >95%

Description Endogenous galanin receptor agonist

Solubility & Handling

-20°C Storage instructions

Soluble in water (1 mg/ml) Solubility overview

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt.

Important

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use

Chemical Data

Chemical name H-Gly-Trp-Thr-Leu-Asn-Ser-Ala-Gly-Tyr-Leu-Leu-Gly-Pro-His-Ala-Val-Gly-Asn-His-Arg-Ser-Phe-Ser-

Asp-Lys-Asn-Gly-Leu-Thr-Ser-OH

Molecular Weight 3157.41 **Molecular Formula** $C_{139}H_{210}N_{42}O_{43}$

GWTLNSAGYLLGPHAVGNHRSFSDKNGLTS Sequence (one letter)

CAS Number 119418-04-1 PubChem identifier 16133823

CBSXZYWGVAQSHI-RUKUCZSXSA-N InChiKey

Appearance White solid

References

Cloning and expression of the human galanin receptor GalR2.

Bloomquist BT et al (1998) Biochemical and biophysical research communications 243

PubMedID 9480833

Molecular characterization of the ligand binding site of the human galanin receptor type 2, identifying subtype selective interactions.

Lundström L et al (2007) Journal of neurochemistry 103

PubMedID 17953676

Physiology, signaling, and pharmacology of galanin peptides and receptors: three decades of emerging diversity.