



LKT Laboratories, Inc.

Galantide

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Product Information

Product ID G0044

CAS No. 138579-66-5

Chemical Name

Synonym M15

Formula $C_{104}H_{151}N_{25}O_{26}S$

Formula Wt. 2199.58

Melting Point

Purity $\geq 95\%$

Solubility

Store Temp $-20^{\circ}C$

Ship Temp Ambient

Description Galantide is a nonselective peptide antagonist at the galanin receptor. Galantide inhibits opioid-induced antinociception in vivo. Galantide exhibits neuromodulatory, cognition enhancing, and gastrointestinal motility modulating activities. In animal models, galantide improves memory function in social recognition tasks. Additionally, this compound induces contractions in gastric smooth muscle. TEST!!!!!!

H-Gly-Trp-Thr-Leu-Asn-Ser-Ala-
Gly-Tyr-Leu-Leu-Gly-Pro-Gln-
Gln-Phe-Phe-Gly-Leu-Met-NH₂

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
G0044	0.5 mg	\$157.50
G0044	1 mg	\$210.00
G0044	2.5 mg	\$420.00

References Sun YG, Yu LC. Interactions of galanin and opioids in nociceptive modulation in the arcuate nucleus of hypothalamus in rats. Regul Pept. 2005 Jan 15;124(1-3):37-43. PMID: 15544839.

Korolkiewicz RP, Konstanski Z, Rekowski P, et al. Mechanism of the contractile effects of galantide and Galanin(1-14) [alpha-aminobutyric acid]scyliorhinin-I in rat isolated fundus strips. Med Sci Monit. 2002 Jan;8(1):BR19-23. PMID: 11782668.

Arletti R, Benelli A, Cavazzuti E, et al. Galantide improves social memory in rats. Pharmacol Res. 1997 Apr;35(4):317-9. PMID: 9264048.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.