

Rev03
Update: Feb,10,2022

DATASHEET

Galantide

Cat. No.: RP10804

Overview

Description	The galanin-antagonist galantide, a chimeric peptide obtained from amino acids 1-13 of galanin attached to the C-terminal fragment of bradykinin, has been found to improve social memory in 'social recognition' test when i.c.v. administered at doses varying from 6-6000nmoles. Galantide causes widespread antagonism to the action of galanin and reversibly blocks the neuronal actions of galanin in a dose-dependent manner. It inhibits the release of acetylcholine, reduces the response to galanin in the hypothalamus, and blocks the effect of galanin on glucose-induced insulin secretion.
Cas No	138579-66-5
Sequence	{GLY}{TRP}{THR}{LEU}{ASN}{SER}{ALA}{GLY}{TYR}{LEU}{LEU}{GLY}{PRO}{GLN}{GLN}{PHE}{PHE}{GLY}{LEU}{MET}
Sequence Shortening	GWTLNSAGYLLGPQQFFGLM-NH ₂
Molecular Formula	C ₁₀₄ H ₁₅₁ N ₂₅ O ₂₆ S ₁
C Terminal	NH ₂
Molecular Weight	2199.6

Properties

Purity	> 95%
Solubility	Soluble in water. The contents of this vial have been accurately determined. Both the stopper and the vial have been siliconized. Do not attempt to weight out a smaller portion of the contents.
Form	Lyophilized
Storage	store at -20°C. Keep tightly closed. Store in a cool dry place.