

DATASHEET

Version: 2016-08-18

Galantide**Cat. No.:** RP10804-0.5**Size:** 0.5 mg**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**C-Terminal:** NH₂**Sequence (one-letter code):**GWTLNSAGYLLGPQQFFGLM-NH₂**Sequence (three-letter code):**

{GLY}{TRP}{THR}{LEU}{ASN}{SER}{ALA}{GLY}{TYR}{LEU}{LEU}{GLY}{PRO}{GLN}{GLN}{PHE}{PHE}{GLY}{LEU}{MET}

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.

Formula: C₁₀₄H₁₅₁N₂₅O₂₆S₁**Molecular Weight:** 2,199.6**Purity:** > 95%**Storage:**

store at -20°C. Keep tightly closed. Store in a cool dry place.

Note:

*For Non-Clinical Research Use Only *

