

**DATASHEET**

Version: 2016-08-18

**Galanin, human****Cat. No.:** RP10801-0.5**Size:** 0.5 mg**Description:**

Galanin is a neuropeptide that has not been established as a member of any known family of neuropeptides despite repeated efforts to discover related peptides. Its actions are mediated via Gi-protein-coupled receptors and ion channels, usually producing inhibition of secretion of a transmitter or hormone in the nervous and endocrine system. In many respects, these inhibitory actions of galanin remind us of those of gamma-aminobutyric acid (GABA) and of neuropeptide Y (NPY). Galanin coexists with GABA, noradrenaline, 5-hydroxytryptamine (5-HT), and NPY in several regions of the brain.

**Cas No:** 119418-04-1**Sequence (one-letter code):**

GWTLSAGYLLGPHAVGNHRSFSDKNGLTS

**Sequence (three-letter code):**

{GLY}{TRP}{THR}{LEU}{ASN}{SER}{ALA}{GLY}{TYR}{LEU}{L  
EU}{GLY}{PRO}{HIS}{ALA}{VAL}{GLY}  
{ASN}{HIS}{ARG}{SER}{PHE}{SER}{ASP}{LYS}{ASN}{GLY}{L  
EU}{THR}{SER}

**Solubility:** The peptide is 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 weigh out a smaller portion of the contents.

**Formula:** C<sub>139</sub>H<sub>210</sub>N<sub>42</sub>O<sub>43</sub>**Molecular Weight:** 3,157.41**Purity:** > 95%**Storage:**

Store the peptide at -20°C. Keep container tightly closed.

**Note:**

\*For Non-Clinical Research Use Only \*

