
Product Data Sheet

Product Name: Galanin (1-16), mouse, porcine, rat

Cat. No.: GC30947

Chemical Properties

Cas. No. 125118-77-6

SMILES Gly-Trp-Thr-Leu-Asn-Ser-Ala-Gly-Tyr-Leu-Leu-Gly-Pro-His-Ala-Ile

Formula C₇₈H₁₁₆N₂₀O₂₁ M.Wt 1669.88

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Galanin (1-16), mouse, porcine, rat is an agonist of the hippocampal galanin receptor, with a K_d of 3 nM.

Galanin (1-16), mouse, porcine, rat is an agonist of the hippocampal galanin receptor, with a K_d of 3 nM[1]. Galanin (1-16), mouse, porcine, rat shows high biological activity on locus coeruleus neurons[2].

[1]. Fisone G, et al. N-terminal galanin-(1-16) fragment is an agonist at the hippocampal galanin receptor. Proc Natl Acad Sci U S A. 1989 Dec;86(23):9588-91. [2]. Hilke S, et al. A short estrogen-responsive N-terminal galanin homologue found in rat brain and gut with antiserum raised against rat galanin(1-16). Neurochem Res. 2006 Feb;31(2):177-88.

Caution: Product has not been fully validated for medical applications. For research use only.

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