

Galanin (Acetate) Biochemical

Galanin (Human)(Acetate)

CATALOG #
AAA227377

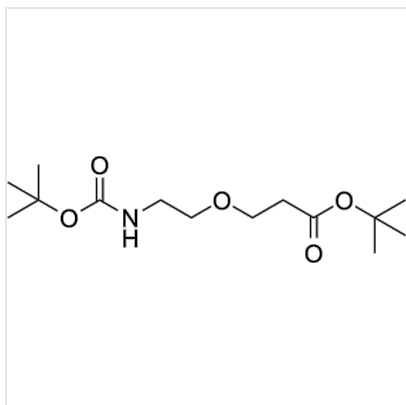
PRODUCT SYNONYMS

Galanin (Acetate); Galanin (Human)(Acetate); Galanin (Acetate) biochemical

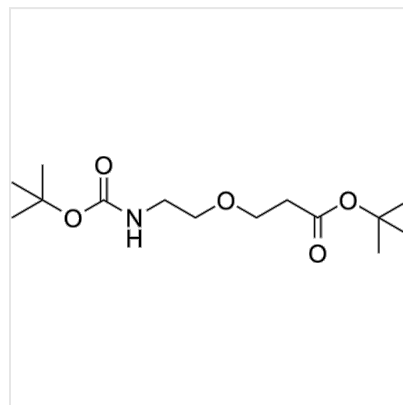
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	H2O: 1 mg/mL <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
N-Boc-PEG-t-butyl ester, CAS 145119-18-2



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ADDITIONAL INFORMATION

Related Product Information for Galanin (Acetate) biochemical	Human galanin is a 30-amino acid neuropeptide and galanin (GAL) receptor agonist. ^{1,2,3,4} It inhibits forskolin-induced cAMP production in HEK293E cells expressing recombinant human GAL1receptors (EC ₅₀ = 0.031 nM) and stimulates inositol phosphate accumulation in CHO cells expressing recombinant human GAL2receptors (EC ₅₀ = 12.3 nM). ^{1,2} Human galanin induces contractions in isolated rat longitudinal fundus strips with an EC ₅₀ value of 13.8 nM. ³ Intrathecal administration of human galanin (3, 10, and 30 nmol/animal) reduces paw licking and flinching in the second, but not first, phase of the formalin test in rats. ⁴
References	1. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

NCBI AND UNIPROT INFORMATION

Molecular Weight	289.372
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/galanin-acetate/227377>