

Galanin (trifluoroacetate salt) Biochemical

Galanin (rat, mouse)(trifluoroacetate salt)

CATALOG #
AAA227327

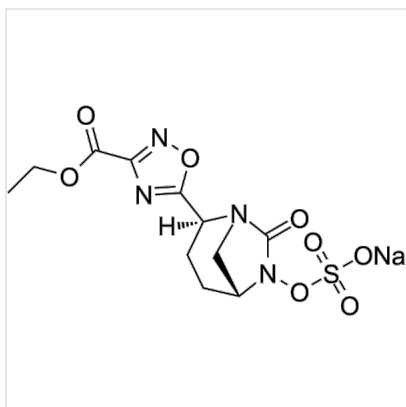
PRODUCT SYNONYMS

Galanin (trifluoroacetate salt); Galanin (rat, mouse)(trifluoroacetate salt); Galanin (trifluoroacetate salt) biochemical

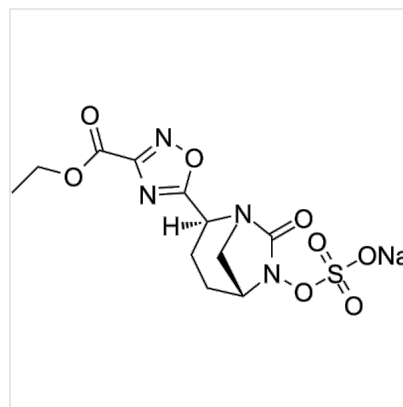
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	H ₂ O: 1 mg/mL <1mg/ml refers to the product slightly soluble or insoluble
In vitro	In vivo, Galanin (6 nmol, i.c.v.) increases feeding behavior in rats and increases latency to hindpaw withdrawal in response to heat and mechanical stimulation in a rat model of carrageenin-induced inflammation when administered at a dose of 2 nmol injected into the nucleus accumbens.[3][4] Galanin (5 ug, i.c.v.) also inhibits acetylcholine release induced by scopolamine in the ventral hippocampus of freely moving rats. [5]
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Antibacterial agent 57, CAS 1426572-67-9



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ADDITIONAL INFORMATION

Related Product Information for Galanin (trifluoroacetate salt) biochemical	Galanin is a neuropeptide with diverse biological activities. [1][2][3][4][5] It binds to rat galanin (GAL) receptor subtypes GAL1-3 (IC ₅₀ s = 0.339, 1.35, and 3.31 nM, respectively) and human GAL1-3 (IC ₅₀ s = 0.288, 1.62, and 12.3 nM, respectively). [1] Galanin binds to and inhibits contraction of guinea pig gastric smooth muscle cells induced by carbachol. [2]
References	1. Sachin Bhagwat, et al. 1,6- diazabicyclo [3,2,1] octan- 7 - one derivatives and their use in the treatment of bacterial infections. Patent WO2013030735A1.

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.

