

Obestatin(trifluoroacetate salt) Biochemical

Obestatin (human)(trifluoroacetate salt)

CATALOG #
AAA227072

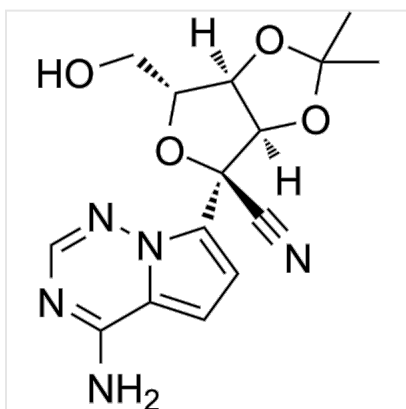
PRODUCT SYNONYMS

Obestatin(trifluoroacetate salt); Obestatin (human)(trifluoroacetate salt); Obestatin(trifluoroacetate salt) biochemical

PRODUCT SPECIFICATIONS

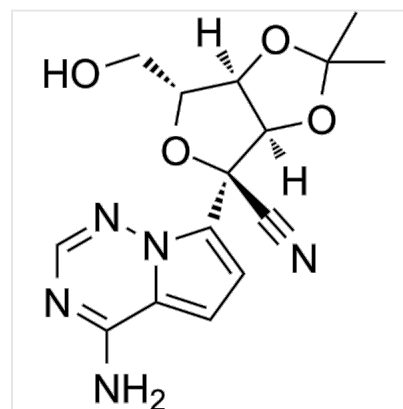
Purity/Purification	98%
Solubility	H ₂ O: 1 mg/mL <1mg/ml refers to the product slightly soluble or insoluble
In vitro	In vivo, obestatin (12.5-1,000 nmol/kg) suppresses food intake in a time- and dose-dependent manner and reduces body weight gain and gastric emptying in mice. Obestatin (0.22 g per animal) also reduces food intake and glucose response without affecting plasma insulin responses in fasted high-fat diet fed mice. ²
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure

Remdesivir O-desphosphate acetonide impurity, CAS 1191237-80-5



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ADDITIONAL INFORMATION

Related Product Information for Obestatin(trifluoroacetate salt) biochemical	Obestatin is a 23 amino acid peptide hormone with a conserved C-terminal glycine residue and amidation site that is formed by cleavage of the ghrelin and obestatin prepropeptide. ¹ It binds to the orphan receptor GPR39 (K _d = 1 nM) and stimulates cAMP production in CHO and HEK293 cells overexpressing human GPR39. Obestatin inhibits contraction of isolated mouse jejunum muscle strips induced by ghrelin.
References	1. Dustin Siegel, et al. Discovery and Synthesis of a Phosphoramidate Prodrug of a Pyrrolo[2,1-f][triazin-4-amino] Adenine C-Nucleoside (GS-5734) for the Treatment of Ebola and Emerging Viruses. J Med Chem. 2017 Mar 9;60(5):1648-1661. 2. Manli Wang, et al. Remdesivir and chloroquine effectively inhibit the recently emerged novel coronavirus (2019-nCoV) in vitro. Cell Res. 2020 Mar;30(3):269-271.

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://stage.aaabiotech.com/biochemical/obestatin-trifluoroacetate-salt/227072>