

Thrombin Receptor Peptide Ligand (trifluoroacetate salt) Biochemical

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CATALOG #
AAA227172

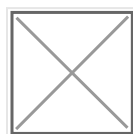
PRODUCT SYNONYMS

Thrombin Receptor Peptide Ligand (trifluoroacetate salt); Thrombin Receptor Peptide Ligand (trifluoroacetate salt) biochemical

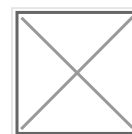
PRODUCT SPECIFICATIONS

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

IMAGES



Structure
2-Acetamido-2,4-dideoxy-4-fluoro-alpha-D-glucopyranose, CAS 129728-87-6



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ADDITIONAL INFORMATION

Related Product Information for Thrombin Receptor Peptide Ligand (trifluoroacetate salt) biochemical	Thrombin receptor peptide ligand is antagonist of the thrombin receptor (EC ₅₀ s = 16-33 μ M to inhibit platelet aggregation in vitro). It inhibits alpha-thrombin and platelet aggregation induced by thrombin receptor activating peptide in vitro when used at a concentration of 32 μ M but does not affect platelet aggregation induced by ADP or collagen. It also inhibits thrombin- and TRAP-induced proliferation of vascular smooth muscle cells (VSMCs). Thrombin receptor peptide ligand (100 μ mol/kg bolus, i.v., plus 900 μ mol/kg infusion) inhibits arterial thrombosis in a rabbit model of partial carotid artery occlusion without increasing bleeding time.
References	1. A Berkin, et al. Synthesis of 4-deoxy-4-fluoro analogues of 2-acetamido-2-deoxy-D-glucose and 2-acetamido-2-deoxy-D-galactose and their effects on cellular glycosaminoglycan biosynthesis. Carbohydr Res. 2000 Jun 30;326(4):250-63.

NCBI AND UNIPROT INFORMATION

Molecular Weight	223.2
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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://stage.aaabiotech.com/biochemical/thrombin-receptor-peptide-ligand-trifluoroacetate-salt/227172>