

Angiotensin (acetate) Biochemical

Angiotensin (1-7)(acetate)

CATALOG #
AAA227306

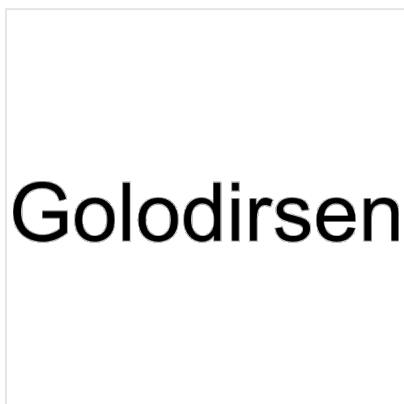
PRODUCT SYNONYMS

Angiotensin (acetate); Angiotensin (1-7)(acetate); SRP-4053; Angiotensin (acetate) biochemical

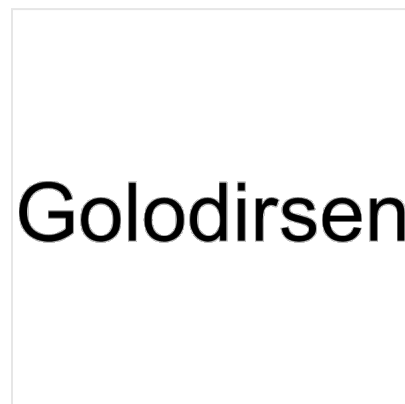
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	H2O: 125 mg/mL (130.34 mM) <1mg/ml refers to the product slightly soluble or insoluble
In vitro	Daily Angiotensin 1-7 (Ang-(1-7)) treatment (0.01-0.06 mg/kg) results in significant amelioration of DSS-induced colitis. Colitis-associated phosphorylation of p38, ERK1/2 and Akt is reduced by Ang 1-7 treatment[3].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Golodirsen, CAS 1422959-91-8



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ADDITIONAL INFORMATION

Related Product Information for Angiotensin (acetate) biochemical	Angiotensin 1-7 (Ang-(1-7)) acetate is an endogenous heptapeptide from the renin-angiotensin system (RAS) with a cardioprotective role due to its anti-inflammatory and anti-fibrotic activities in cardiac cells. Angiotensin 1-7 acetate inhibits purified canine ACE activity (IC50=0.65 uM). Angiotensin 1-7 acetate acts as a local synergistic modulator of kinin-induced vasodilation by inhibiting ACE and releasing nitric oxide. Angiotensin 1-7 acetate blocks Ang II-induced smooth muscle cell proliferation and hypertrophy and shows antiangiogenic and growth-inhibitory effects on the endothelium[1][2][3].
References	1. Heo YA. Golodirsen: First Approval. Drugs. 2020 Feb;80(3):329-333. 2. Scaglioni D, et, al. The administration of antisense oligonucleotide golodirsen reduces pathological regeneration in patients with Duchenne muscular dystrophy. Acta Neuropathol Commun. 2021 Jan 6;9(1):7.

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/angiotensin-acetate/227306>