

AT-121 hydrochloride Biochemical | AT-121 biochemical

AT-121 hydrochloride

CATALOG #
AAA228111

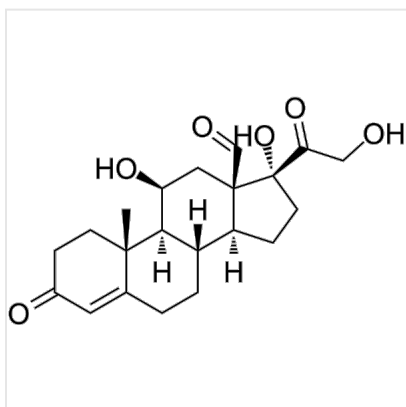
PRODUCT SYNONYMS

AT-121 hydrochloride; AT-121 biochemical

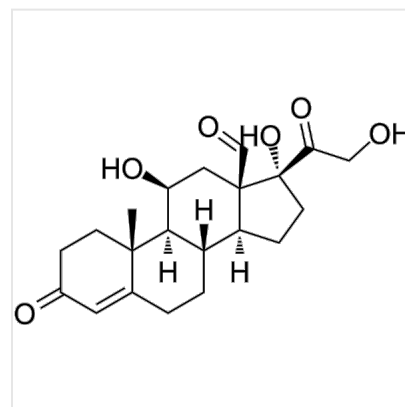
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2099681-71-5
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	AT-121 hydrochloride (0.003-0.03mg/kg; s.c.) produces potent antinociceptive effect[1]. Animal Model: Adult male and female rhesus monkeys[1]. Dosage: 0.003-0.03mg/kg. Administration: Subcutaneous. Result: Produced antinociceptive effects against an acute noxious stimulus, 50 degree C water, in a dose-dependent.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
18-Oxocortisol, CAS 2410-60-8



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ADDITIONAL INFORMATION

Related Product Information for AT-121 biochemical	AT-121 hydrochloride is a bifunctional nociception and mu opioid receptor agonist, with K_i s of 3.67 and 16.49 nM, respectively. AT-121 hydrochloride is a safe, non-addictive analgesic, and shows antinociceptive and antiallodynic effects.
References	1. Nakamura Y, et al. 18-oxocortisol measurement in adrenal vein sampling as a biomarker for subclassifying primaryaldosteronism. J Clin Endocrinol Metab. 2011 Aug;96(8):E1272-8. 2. Ulick S, et al. 18-oxocortisol, a naturally occurring mineralocorticoid agonist. Endocrinology. 1983 Dec;113(6):2320-2.

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.

