

(R)-Fadrozole Biochemical

(R)-Fadrozole

CATALOG #
AAA227423

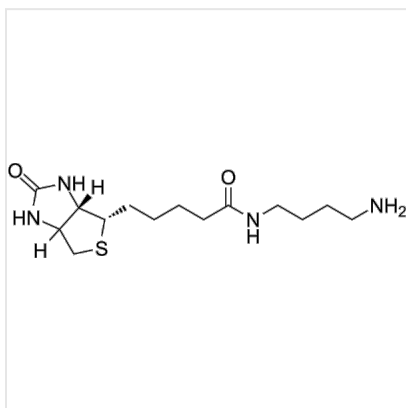
PRODUCT SYNONYMS

(R)-Fadrozole; (R)-Fadrozole biochemical

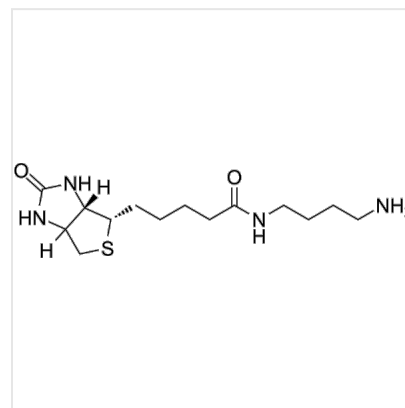
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	102676-87-9
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	(R)-fadrozole (0.24 and 1.2 mg/kg; daily; oral) and (S)-fadrozole similarly decreases plasma aldosterone levels, whereas urinary aldosterone excretion rate was reduced only by S-fadrozole[2]. (R)-fadrozole (0.24 and 1.2 mg/kg; daily; oral) effectively reverses preexistent left ventricular interstitial fibrosis by 50% (vs. 42% for canrenoate), S-fadrozole was devoid of an antifibrotic effect[2]. Animal Model: SHHF rats[2]. Dosage: 0.24 and 1.2 mg/kg. Administration: Daily; oral. Result: Decreased plasma aldosterone levels and reversed preexistent left ventricular interstitial fibrosis.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Biotin-C4-amide-C5-NH₂, CAS 151294-96-1



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ADDITIONAL INFORMATION

Related Product Information for (R)-Fadrozole biochemical	(R)-Fadrozole ((R)-CGS 16949A; FAD286) is a potent nonsteroidal inhibitor. (R)-Fadrozole also inhibits human placental aromatase (pIC 50 = 6.17) and aldosterone biosynthesis. (R)-Fadrozole reverses cardiac fibrosis in spontaneously hypertensive heart failure rats.
References	1. Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

NCBI AND UNIPROT INFORMATION

Molecular Weight	314.45
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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://www.aaabiotech.com/biochemical/r-fadrozole/227423>