

Chst15-IN-1 biochemical

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CATALOG #
AAA228178

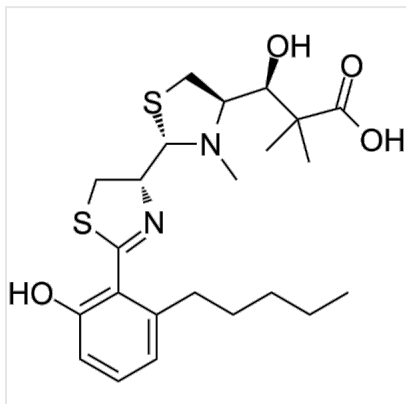
PRODUCT SYNONYMS

Chst15-IN-1; Chst15-IN-1 biochemical

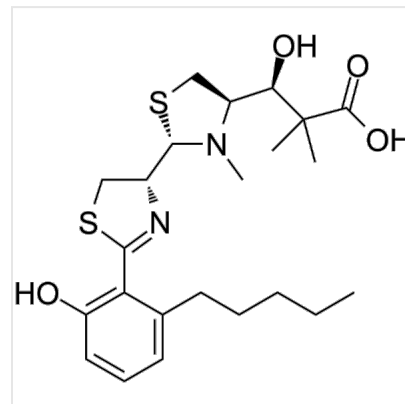
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2158198-77-5
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Chst15-IN-1 (3.0 mg/kg; i.v.) has a moderate clearance of 21 mL/min/kg, moderate volume of distribution of 0.97 L/kg, and short terminal half-life of 1.6 hours[1]. Animal Model: Rats Dosage: 3.0 mg/kg (Pharmacokinetic Analysis). Administration: I.v. Result: Had a moderate clearance of 21 mL/min/kg, moderate volume of distribution of 0.97 L/kg, and short terminal half-life of 1.6 h.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Agrochelin, CAS 247115-74-8



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ADDITIONAL INFORMATION

Related Product Information for Chst15-IN-1 biochemical	Chst15-IN-1 is a potent reversible covalent Chst15 inhibitor. Chst15-IN-1 effectively inhibits chondroitin sulfate-E (CS-E) sulfation levels and other closely related glycosaminoglycans (GAG) sulfotransferases. Chst15-IN-1, as a selective sulfotransferase inhibitor, can diminish the inhibitory effects of chondroitin sulfate proteoglycans (CSPGs), and can be used for the stimulation of neuronal repair.
References	1. C Acebal, et al. Agrochelin, a new cytotoxic antibiotic from a marine Agrobacterium. Taxonomy, fermentation, isolation, physico-chemical properties and biological activity. J Antibiot (Tokyo). 1999 Nov;52(11):983-7.

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.

