

Miravirsen Biochemical

Miravirsen

CATALOG #
AAA227446

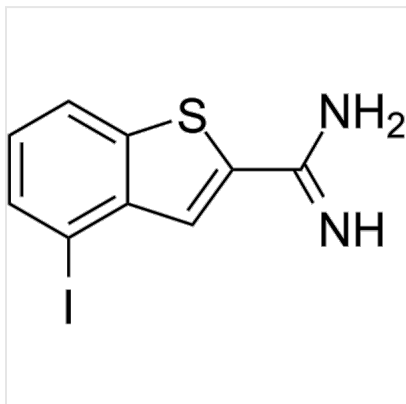
PRODUCT SYNONYMS

Miravirsen; Miravirsen biochemical

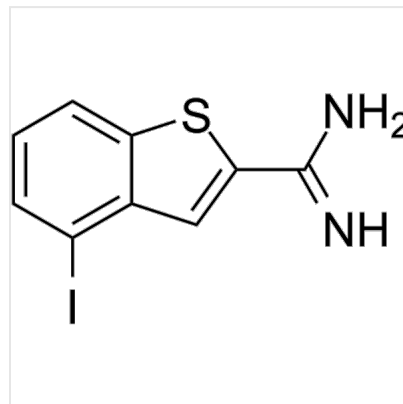
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1072874-90-8
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Miravirsen is thought to work mainly by hybridizing to mature miR-122 and blocking its interaction with HCV RNA, its target sequence is also present in pri- and pre-miR-122[1]. Miravirsen binds to the stem-loop structure of pri- and pre-miR-122 with nanomolar affinity, and inhibits both Dicer- and Drosha-mediated processing of miR-122 precursors[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
APC-6860, CAS 154628-42-9



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ADDITIONAL INFORMATION

Related Product Information for Miravirsen biochemical	Miravirsen (SPC-3649), a beta-d-oxy-locked nucleic acid-modified phosphorothioate antisense oligonucleotide, inhibit the biogenesis of miR-122. Miravirsen (SPC-3649) is used in the study for HCV infections.
References	1. Katz BA, et al. Structural basis for selectivity of a small molecule, S1-binding, submicromolar inhibitor of urokinase-type plasminogen activator. Chem Biol. 2000 Apr;7(4):299-312. 2. Klinghofer V, et al. Species specificity of amidine-based urokinase inhibitors. Biochemistry. 2001 Aug 7;40(31):9125-31.

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.

