

Mipomersen sodium Biochemical

Mipomersen sodium

CATALOG #
AAA228815

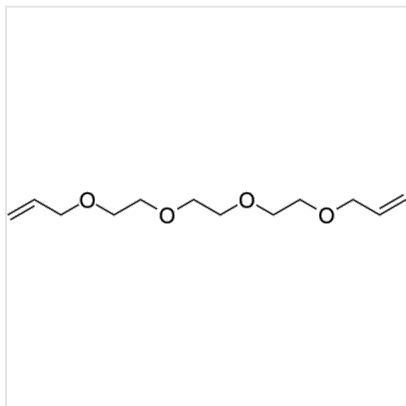
PRODUCT SYNONYMS

Mipomersen sodium; Triethylene glycol diallyl ether; Mipomersen sodium biochemical

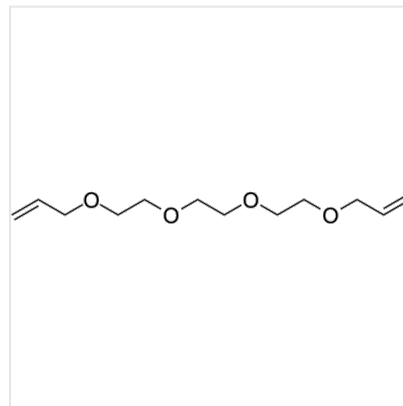
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	629167-92-6
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Mipomersen predominantly distributes to the liver and decreases the production of apoB-100, the primary structural protein of the atherogenic lipoproteins including low density lipoprotein (LDL), thereby reducing plasma LDL-cholesterol and apoB-100 concentrations[2]. Apolipoprotein (apo) B, a large amphipathic protein, plays a fundamental role in human lipoprotein metabolism. ApoB-100 is also a ligand for LDL receptor-mediated endocytosis of LDL by cells[2].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Propenyl-PEG3-Propenyl, CAS 90736-68-8



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ADDITIONAL INFORMATION

Related Product Information for Mipomersen sodium biochemical	Mipomersen (sodium) is a second-generation 20-base phosphorothioate ASO targeted to human apoB-100.
References	1. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

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.

