
Product Data Sheet

Product Name: Inclisiran
Cat. No.: GC63423

Chemical Properties

Cas. No. 1639324-58-5

Formula

M.Wt

Solubility H₂O : 5 mg/mL (0.31 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

Inclisiran (ALN-PCSsc) is a double-stranded small interfering RNA (siRNA) molecule that inhibits the transcription of PCSK-9. Inclisiran can be used for hyperlipidemia and cardiovascular disease (CVD) research[1].

Inclisiran is a double-stranded small RNA molecule that works by blocking the transcription of proprotein convertase subtilisin kexin 9 (PCSK-9), leading to a reduction of PCSK-9 levels in the hepatocytes, resulting in an increased expression of low-density lipoprotein (LDL) receptors in the hepatocyte membrane and, as a consequence, it reduces the circulating levels of LDL cholesterol (LDL-C)[1].

[1]. Constantine E Kosmas, et al. Inclisiran for the Treatment of Cardiovascular Disease: A Short Review on the Emerging Data and Therapeutic Potential. Ther Clin Risk Manag. 2020 Oct 28;16:1031-1037.

Caution: Product has not been fully validated for medical applications. For research use only.

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