

Product Data Sheet

Product Name: Patisiran sodium

Cat. No.: GC63368

Chemical Properties

Cas. No. 1386913-72-9

Formula M.Wt

Solubility 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

Patisiran (sodium)

Background

Patisiran sodium is a double-stranded small interfering RNA that targets a sequence within the transthyretin (TTR) messenger RNA. Patisiran sodium specifically inhibits hepatic synthesis of mutant and wild-type TTR. Patisiran sodium can be used for the research of hereditary TTR amyloidosis[1][2][3].

Patisiran sodium causes TTR degradation (via RNA interference) and subsequently a reduction in serum TTR protein levels and tissue TTR protein deposits by specifically binding to a genetically

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

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conserved sequence in the 3' untranslated region of mutant and wild-type transthyretin (TTR) messenger RNA[2].

[1]. Adams D, et, al. Patisiran, an RNAi Therapeutic, for Hereditary Transthyretin Amyloidosis. N Engl J Med. 2018 Jul 5;379(1):11-21.

[2]. Hoy SM. Patisiran: First Global Approval. Drugs. 2018 Oct;78(15):1625-1631.

[3]. Kristen AV, et, al. Patisiran, an RNAi therapeutic for the treatment of hereditary transthyretin-mediated amyloidosis. Neurodegener Dis Manag. 2019 Feb;9(1):5-23.

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