

Product Data Sheet

Product Name: Braxlosiran

Cat. No.: GC81536

Chemical Properties

Cas. No.

Formula

M.Wt

13729.26

Solubility

Storage

Store at -20°C, away from moisture

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

Braxlosiran is a component of the AOC reagent Delpacibart braxlosiran, consisting of an siRNA targeting DUX4 (double homeobox protein) and SMCC linker. Delpacibart braxlosiran binds to TfR1. Aberrant expression of the DUX4 protein causes changes in gene expression in muscle cells, which are associated with muscle function loss in facioscapulohumeral muscular dystrophy (FSHD) [1] [2].

In Vitro, Delpacibart braxlosiran binds to TfR1 [1].

References:

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

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- [1]. Malecova B, et al. Development of a DUX4-targeting antibody oligonucleotide conjugate as a therapy for FSHD. Nucleic acids research. 2026 Apr 13;54(7):gkag301.
- [2]. Philippe MOCHIRIAN. Compounds, pharmaceutical compositions, and methods of preparing compounds and of their use. WO2025177244A1. WIPO (PCT). 2025-02-21.

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