

Product Data Sheet

Product Name: Ulefnersen sodium

Cat. No.: GC73141

Chemical Properties

Cas. No. 2589926-27-0

Formula $C_{230}H_{302}N_{68}O_{126}P_{19}S_{13}Na_{19}$ M.Wt 7477.4

Solubility Storage -20°C, sealed storage, 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

Ulefnersen (sodium)

Background

Ulefnersen sodium (ION363) is an Antisense Oligonucleotide (ASO) directed against the 6th intron of the fused-in sarcoma (FUS) transcript to silence FUS in a non-allele-specific manner. Ulefnersen sodium can reduce postnatal levels of FUS protein in the brain and spinal cord in disease-relevant mouse model of ALS-FUS , delaying motor neuron degeneration. Ulefnersen sodium can be used in the research of Amyotrophic Lateral Sclerosis (ALS) [1].

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

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References:

[1]. Korobeynikov VA, Lyashchenko AK, Blanco-Redondo B, Jafar-Nejad P, Shneider NA. Antisense oligonucleotide silencing of FUS expression as a therapeutic approach in amyotrophic lateral sclerosis. Nat Med. 2022;28(1):104-116.

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