

Product Data Sheet

Product Name: Etedesiran

Cat. No.: GC81535

Chemical Properties

Cas. No.

Formula

M.Wt 13699.7

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

Etedesiran is a component of the AOC drug Delpacibart etedesiran, formed by the reaction of an siRNA that induces cleavage of mRNA encoding myotonic dystrophy protein kinase (MTPK or DMPK) with SMCC linker. Etedesiran carries a maleimide group at its terminus, which can react with cysteine or lysine and is used for the synthesis of AOC drugs. Etedesiran is applicable to research related to myotonic dystrophy type 1 [1].

In Vivo, Etedesiran can be used for synthesizing Delpacibart etedesiran, which dose-dependently and significantly reduces total DMPK mRNA levels in multiple skeletal muscles, hearts, and

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

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gastrointestinal tracts of untreated cynomolgus monkeys^[1].

References:

[1]. Kwan TT, et al. Delpacibart etedesiran improves the molecular pathology of myotonic dystrophy type 1 in the phase 1/2 MARINA study. Mol Ther. Published online March 11, 2026.

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