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

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.