Product Data Sheet

Product Name: Delpacibart zotadirsen
Cat. No.: GC81526

Chemical Properties

Cas. No.	2929240-20-8		
Formula		M.Wt	
Solubility		Storage	Store at -80°C, protect from light
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			

Delpacibart zotadirsen

Background

Delpacibart zotadirsen (Del-zota), an antibody oligonucleotide conjugate (AOC), consists of a monoclonal antibody (Delpacibart) that binds to the transferrin receptor 1 (TfR1) conjugated to a phosphorodiamidate morpholino conjugate (PMO), Delpacibart zotadirsen is designed to deliver phosphorodiamidate morpholino oligomers (PMOs) to skeletal muscle and heart tissue to specifically skip exon 44 of the dystrophin gene and enable production of near-full length dystrophin. Delpacibart zotadirsen is used for the study of myotonic dystrophy type 1 (DM1) [1].

In Vitro, Delpacibart zotadirsen is primarily used in the study of Duchenne muscular dystrophy with

exon 44 skipping mutations (DMD44), and can cover both ambulatory and non-ambulatory patients aged 7-27 years[1].

References:
[1]. Compounds, pharmaceutical compositions, and methods of preparing compounds and of their use. WO2025177244A1
[2]. Etxaniz U, Marks I, Albin T, et al. AOC 1044 induces exon 44 skipping and restores dystrophin protein in preclinical models of Duchenne muscular dystrophy. Nucleic Acids Res. 2025;53(6):gkaf241.

Caution: Product has not been fully validated for medical applications. For research use only.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA