

## Cemdisiran

Cat. No.:	HY-145720
CAS No.:	1639264-46-2
Batch No.:	227953
Chemical Name:	RNA, (Am-sp-Am-sp-(2'-deoxy-2'-fluoro)G-Cm-(2'-deoxy-2'-fluoro)A-Am-(2'-deoxy-2'-fluoro)G-A m-(2'-deoxy-2'-fluoro)U-(2'-deoxy-2'-fluoro)A-(2'-deoxy-2'-fluoro)U-Um-(2'-deoxy-2'-fluoro)U-U m-Um-(2'-deoxy-2'-fluoro)A-Um-(2'-deoxy-2'-fluoro)A-Am-Um-Am), 3'-[[[(2S,4R)-1-[29-[[[2-(acetyl amino)-2-deoxy-β-D-galactopyranosyl]oxy]-14,14-bis[[3-[[[3-[[[5-[[[2-(acetylamino)-2-deoxy-β-D-g alactopyranosyl]oxy]-1-oxopentyl]amino]propyl]amino]-3-oxopropoxy]methyl]-1,12,19,25-tetra oxo-16-oxa-13,20,24-triazanonacos-1-yl]-4-hydroxy-2-pyrrolidinyl]methyl hydrogen phosphate], complex with RNA (Um-sp-(2'-deoxy-2'-fluoro)A-sp-(2'-deoxy-2'-fluoro)U-Um-(2'-deoxy-2'-fluoro )A-Um-Am-(2'-deoxy-2'-fluoro)A-Am-(2'-deoxy-2'-fluoro)A-Am-Um-Am-(2'-deoxy-2'-fluoro)U-Cm -(2'-deoxy-2'-fluoro)U-Um-(2'-deoxy-2'-fluoro)G-Cm-Um-Um-sp-Um-sp-Um-dT-dT) (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>542</sub> H <sub>711</sub> F <sub>17</sub> N <sub>169</sub> O <sub>330</sub> P <sub>45</sub> S <sub>6</sub>
Molecular Weight:	16782.53
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)
Packaging:	Sealed Vial *Once the package is opened, use it immediately or pack it into multiple vials with sealing film.
Chemical Structure:	

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### ANALYTICAL DATA

Appearance:	White to off-white (Solid)
LCMS:	Consistent with structure
Purity (LCMS):	96.02%
Conclusion:	The product has been tested and complies with the given specifications.

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

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