

Elebsiran sodium

Cat. No.:	HY-147266
Batch No.:	368900
Chemical Name:	RNA, (Gm-sp-Um-sp-Gm-Um-(2'-deoxy-2'-fluoro)G-Cm-(2'-deoxy-2'-fluoro)A-(2'-deoxy-2'-fluoro)C-(2'-deoxy-2'-fluoro)U-Um-Cm-Gm-Cm-Um-Um-Cm-Am-Cm-Am), 3'-[[[(2S,4R)-1-[29-[[2-(acetylamino)-2-deoxy-β-D-galactopyranosyl]oxy]-14,14-bis[[3-[[3-[[5-[[2-(acetylamino)-2-deoxy-β-D-galactopyranosyl]oxy]-1-oxopentyl]amino]propyl]amino]-3-oxopropoxy]methyl]-1,12,19,25-tetraoxo-16-oxa-13,20,24-triazanonacos-1-yl]-4-hydroxy-2-pyrrolidinyl)methyl hydrogen phosphate], complex with RNA (Um-sp-(2'-deoxy-2'-fluoro)G-sp-Um-Gm-Am-(3'→3')-[9-de-β-D-ribofuranosyl-9-[(2S)-2,3-dihydroxypropyl]]A-(2'→5')-Gm-(2'-deoxy-2'-fluoro)C-(2'-deoxy-2'-fluoro)G-Am-Am-Gm-Um-(2'-deoxy-2'-fluoro)G-Cm-(2'-deoxy-2'-fluoro)A-Cm-Am-Cm-sp-Um-sp-Um) (1:1), sodium salt

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₄₈₅ H ₆₅₈ F ₉ N ₁₅₈ O ₂₉₄ P ₃₉ S ₆
Molecular Weight:	15855.90
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

Elebsiran

ANALYTICAL DATA

Appearance:	White to off-white (Solid)
LCMS:	Consistent with structure
Purity (LCMS):	95.83%
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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