

Zerlasiran (sodium)

Cat. No.:	HY-147425A
Batch No.:	354424
Chemical Name:	RNA, (Am-sp-(2'-deoxy-2'-fluoro)U-sp-Am-(2'-deoxy-2'-fluoro)A-Cm-(2'-deoxy-2'-fluoro)U-Cm-(2'-deoxy-2'-fluoro)U-Gm-(2'-deoxy-2'-fluoro)U-Cm-(2'-deoxy-2'-fluoro)C-Am-(2'-deoxy-2'-fluoro)U-Um-(2'-deoxy-2'-fluoro)A-Cm-sp-(2'-deoxy-2'-fluoro)C-sp-Gm), complex with RNA (Cm-Gm-Gm-Um-Am-Am-(2'-deoxy-2'-fluoro)U-(2'-deoxy-2'-fluoro)G-(2'-deoxy-2'-fluoro)G-Am-Cm-Am-Gm-Am-Gm-Um-Um-sp-Am-sp-Um) 5'-[O-[21-[[2-(acetylamino)-2-deoxy-β-D-galactopyranosyl]oxy]-9,9-bis[12-[[2-(acetylamino)-2-deoxy-β-D-galactopyranosyl]oxy]-7-mercapto-7-oxido-2,6,8-trioxa-7-phosphadodec-1-yl]-16-mercapto-16-oxido-7,11,15,17-tetraoxa-16-phosphaheneicos-1-yl] hydroxy phosphate] (1:1), sodium salt

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₄₄₃ H ₅₅₆ F ₁₂ N ₁₄₄ Na ₃₈ O ₂₇₇ P ₄₀ S ₁₀
Molecular Weight:	14991.12
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:

Zerlasiran (sodium)

ANALYTICAL DATA

Appearance:	White to off-white (Solid)
Purity (HPLC):	95.52%
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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