

## Fitusiran

Cat. No.:	HY-132587
CAS No.:	1499251-18-1
Batch No.:	257033
Chemical Name:	RNA, ((2'-deoxy-2'-fluoro)G-sp-Gm-sp-(2'-deoxy-2'-fluoro)U-Um-(2'-deoxy-2'-fluoro)A-Am-(2'-deoxy-2'-fluoro)C-Am-(2'-deoxy-2'-fluoro)C-(2'-deoxy-2'-fluoro)C-(2'-deoxy-2'-fluoro)A-Um-(2'-deoxy-2'-fluoro)U-Um-(2'-deoxy-2'-fluoro)A-Cm-(2'-deoxy-2'-fluoro)U-Um-(2'-deoxy-2'-fluoro)C-Am-(2'-deoxy-2'-fluoro)A),3'-[[[(2S,4R)-1-[29-[[2-(acetylamino)-2-deoxy-β-D-galactopyranosyl]oxy]-1,4,14-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)U-sp-Gm-(2'-deoxy-2'-fluoro)A-Am-(2'-deoxy-2'-fluoro)G-Um-(2'-deoxy-2'-fluoro)A-Am-(2'-deoxy-2'-fluoro)A-Um-Gm-Gm-(2'-deoxy-2'-fluoro)U-Gm-(2'-deoxy-2'-fluoro)U-Um-(2'-deoxy-2'-fluoro)A-Am-(2'-deoxy-2'-fluoro)C-Cm-sp-Am-sp-Gm)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>520</sub> H <sub>679</sub> F <sub>21</sub> N <sub>175</sub> O <sub>309</sub> P <sub>43</sub> S <sub>6</sub>
Molecular Weight:	16248.2 (AS: 7675 + SS: 8573.2)
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

# Fitusiran

### ANALYTICAL DATA

Appearance:	White to off-white (Solid)
Purity (HPLC):	94.68%
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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA