

## Givosiran

Cat. No.:	HY-132610
CAS No.:	1639325-43-1
Batch No.:	211940
Chemical Name:	RNA, (Cm-sp-Am-sp-Gm-Am-Am-Am-(2'-deoxy-2'-fluoro)G-Am-(2'-deoxy-2'-fluoro)G-Um-(2'-deoxy-2'-fluoro)G-Um-(2'-deoxy-2'-fluoro)C-Um-(2'-deoxy-2'-fluoro)C-Am-Um-Cm-Um-Um-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-oxa13,20,24-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)A-(2'-deoxy-2'-fluoro)G-Am-(2'-deoxy-2'-fluoro)U-Gm-(2'-deoxy-2'-fluoro)A-Gm-(2'-deoxy-2'-fluoro)A-Cm-(2'-deoxy-2'-fluoro)A-Cm-(2'-deoxy-2'-fluoro)U-Cm-(2'-deoxy-2'-fluoro)U-Um-(2'-deoxy-2'-fluoro)U-Cm-(2'-deoxy-2'-fluoro)U-Gm-sp-Gm-sp-Um) (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>524</sub> H <sub>694</sub> F <sub>16</sub> N <sub>173</sub> O <sub>316</sub> P <sub>43</sub> S <sub>6</sub>
Molecular Weight:	16300.6 (AS: 7563.9 + SS: 8736.7)
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)
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)
MS:	Consistent with structure
Purity (HPLC):	97.90%
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