

## Zerlasiran

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cat. No.:</b>          | HY-147425                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>CAS No.:</b>           | 2646703-64-0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Molecular Formula:</b> | C <sub>443</sub> H <sub>594</sub> N <sub>144</sub> O <sub>277</sub> P <sub>40</sub> S <sub>10</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Molecular Weight:</b>  | 14155.81                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Sequence:</b>          | 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) |
| <b>Target:</b>            | Small Interfering RNA (siRNA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Pathway:</b>           | Epigenetics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage:</b>           | Please store the product under the recommended conditions in the Certificate of Analysis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

# Zerlasiran

### BIOLOGICAL ACTIVITY

|                                     |                                                                             |
|-------------------------------------|-----------------------------------------------------------------------------|
| <b>Description</b>                  | Zerlasiran is an apolipoprotein A (ApoA) synthesis reducer <sup>[1]</sup> . |
| <b>IC<sub>50</sub> &amp; Target</b> | Apolipoprotein A <sup>[1]</sup>                                             |

### REFERENCES

[1]. International Nonproprietary Names for Pharmaceutical Substances (INN). WHO Drug Information, Vol. 36, No. 2, 2022.

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

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