

## Casimersen sodium

Cat. No.:	HY-132584A
Molecular Formula:	C <sub>268</sub> H <sub>402</sub> N <sub>124</sub> Na <sub>22</sub> O <sub>95</sub> P <sub>22</sub>
Molecular Weight:	8068.01
Target:	Others
Pathway:	Others
Storage:	-20°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)

## Casimersen (sodium)

### BIOLOGICAL ACTIVITY

#### Description

Casimersen sodium is an antisense oligonucleotide of the phosphorodiamidate morpholino oligomer subclass. Casimersen sodium binds to exon 45 of dystrophin pre-mRNA, restores the open-reading frame (by skipping exon 45) resulting in the production of an internally truncated but functional dystrophin protein. Casimersen sodium can be used for the research of Duchenne muscular dystrophy (DMD)<sup>[1]</sup>.

### REFERENCES

[1]. Shirley M. Casimersen: First Approval. *Drugs*. 2021;81(7):875-879.

[2]. Casimersen. *Am J Health Syst Pharm*. 2021;78(13):1149-1150.

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

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