

Casimersen

Cat. No.:	HY-132584
CAS No.:	1422958-19-7
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Casimersen

BIOLOGICAL ACTIVITY

Description	Casimersen (SRP-4045) is an antisense oligonucleotide of the phosphorodiamidate morpholino oligomer subclass. Casimersen 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 can be used for the research of Duchenne muscular dystrophy (DMD) ^[1] .
In Vitro	Exon 45 skipping is intended to allow for production of an internally truncated dystrophin protein in patients with genetic mutations that are amenable to exon 45 skipping ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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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