

Product Data Sheet

Inhibitors

Screening Libraries

Proteins

Custirsen sodium

Cat. No.: HY-143230A

Molecular Formula: $\mathsf{C}_{231}\mathsf{H}_{292}\mathsf{N}_{78}\mathsf{Na}_{20}\mathsf{O}_{119}\mathsf{P}_{20}\mathsf{S}_{20}$

Molecular Weight:

Target: **Apoptosis** Custirsen (sodium)

Pathway: **Apoptosis**

Storage: -20°C, sealed storage, away from moisture

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

BIOLOGICAL ACTIVITY

Description

Custirsen sodium is a highly specific antisense oligonucleotide that inhibits the production of clusterin, an antiapoptotic protein that is upregulated in response to chemotherapy and that confers treatment resistance.

REFERENCES

[1]. Chi KN, Eisenhauer E, Fazli L, et al. A phase I pharmacokinetic and pharmacodynamic study of OGX-011, a 2'-methoxyethyl antisense oligonucleotide to clusterin, in patients with localized prostate cancer. J Natl Cancer Inst. 2005;97(17):1287-1296.

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

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