

Nusinersen sodium

Cat. No.:	HY-112980A
Molecular Formula:	C ₂₃₄ H ₃₂₂ N ₆₁ Na ₁₈ O ₁₂₈ P ₁₇ S ₁₇
Molecular Weight:	7522.85
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Nusinersen (sodium)

BIOLOGICAL ACTIVITY

Description

Nusinersen sodium is an antisense oligonucleotide agent that modifies pre-messenger RNA splicing of the SMN2 gene and thus promotes increased production of full-length SMN protein^[1].

REFERENCES

- [1]. Richard S Finkel, et al. Nusinersen versus Sham Control in Infantile-Onset Spinal Muscular Atrophy. *N Engl J Med.* 2017 Nov 2;377(18):1723-1732.
- [2]. Laura Torres-Benito, et al. NCALD Antisense Oligonucleotide Therapy in Addition to Nusinersen further Ameliorates Spinal Muscular Atrophy in Mice. *Am J Hum Genet.* 2019 Jul 3;105(1):221-230.

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

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