

Ultevursen

Cat. No.:	HY-147412
CAS No.:	2642382-41-8
Molecular Formula:	C ₂₇₃ H ₃₉₁ N ₈₁ O ₁₄₄ P ₂₀ S ₂₀
Molecular Weight:	8372.24
Sequence:	RNA, (P-thio)[2'-O-(2-methoxyethyl)](A-G-m ⁵ C-m ⁵ U-m ⁵ U-m ⁵ C-G-G-A-G-A-A-A-m ⁵ U-m ⁵ U-m ⁵ U-A-A-A-m ⁵ U-m ⁵ C)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Ultevursen

BIOLOGICAL ACTIVITY

Description	Ultevursen (QR-421a) is a single-stranded RNA based oligonucleotide that is designed to skip exon 13 in the RNA with the aim to stop vision loss in people that have retinitis pigmentosa due to a mutation in exon 13 of the USH2A gene (encoding usherin). Ultevursen sequence: (P-thio)[2'-O-(2-methoxyethyl)](A-G-m ⁵ C-m ⁵ U-m ⁵ U-m ⁵ C-G-G-A-G-A-A-m ⁵ U-m ⁵ U-m ⁵ U-A-A-A-m ⁵ U-m ⁵ C) ^[1] .
IC ₅₀ & Target	Usherin ^[1]

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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