

Fomivirsen

Cat. No.:	HY-112958
CAS No.:	144245-52-3
Molecular Formula:	C ₂₀₄ H ₂₆₃ N ₆₃ O ₁₁₄ P ₂₀ S ₂₀
Molecular Weight:	6682.4
Target:	CMV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Fomivirsen

BIOLOGICAL ACTIVITY

Description

Fomivirsen (ISIS-2922 free base) is an antisense 21 mer phosphorothioate oligonucleotide. Fomivirsen is an antiviral agent that is used CMV research, including in AIDs. Fomivirsen binds to and degrades the mRNAs encoding CMV immediate-early 2 protein, thus inhibiting virus proliferation^{[1][2]}.

REFERENCES

- [1]. M D de Smet, et al. Fomivirsen- a phosphorothioate oligonucleotide for the treatment of CMV retinitis. *Ocul Immunol Inflamm.* 1999 Dec;7(3-4):189-98.
- [2]. Anna Kilanowska, et al. In vivo and in vitro studies of antisense oligonucleotides – a review. (Review Article) *RSC Adv.*, 2020, 10, 34501-34516.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA