

## Monarsen sodium

<b>Cat. No.:</b>	HY-148412A
<b>Target:</b>	Cholinesterase (ChE)
<b>Pathway:</b>	Neuronal Signaling
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

## Monarsen (sodium)

### BIOLOGICAL ACTIVITY

#### Description

Monarsen sodium is a synthetic 20-base antisense oligodeoxynucleotide directed against the human AChE gene. Monarsen sodium is used in the study of Autoimmune myasthenia gravis (MG), a neuromuscular disorder caused by autoantibodies directed against the acetylcholine receptor (AChR).

### REFERENCES

- [1]. Sussman JD, Argov Z, McKee D, Hazum E, Brawer S, Soreq H. Antisense treatment for myasthenia gravis: experience with monarsen. *Ann N Y Acad Sci.* 2008;1132:283-290.
- [2]. Evron T, Moyal-Segal LB, Lamm N, Geffen A, Soreq H. RNA-targeted suppression of stress-induced allostasis in primate spinal cord neurons. *Neurodegener Dis.* 2005;2(1):16-27.
- [3]. Kehat R, Zemel E, Cuenca N, et al. A novel isoform of acetylcholinesterase exacerbates photoreceptors death after photic stress. *Invest Ophthalmol Vis Sci.* 2007;48(3):1290-1297.

**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](mailto:tech@MedChemExpress.com)

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