

## SPC5001 sodium

Cat. No.:	HY-148687A
Molecular Weight:	5011.7
Target:	Others
Pathway:	Others
Storage:	-20°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)

## SPC5001 (sodium)

### BIOLOGICAL ACTIVITY

<b>Description</b>	SPC5001 sodium is a locked nucleic acid (LNA)-modified antisense oligonucleotide (ASO) complementary to human PCSK9 (proprotein convertase subtilisin/kexin type 9) mRNA. SPC5001 sodium can be used for the research of hypercholesterolemia. SPC5001 sequence: 5'-TGmCTACAAAACmCmCA-3' <sup>[1]</sup> .
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### REFERENCES

- [1]. Lindholm MW, Elmén J, Fisker N, et al. PCSK9 LNA antisense oligonucleotides induce sustained reduction of LDL cholesterol in nonhuman primates. *Mol Ther.* 2012;20(2):376-381.
- [2]. Nieskens TTG, et, al. Nephrotoxic antisense oligonucleotide SPC5001 induces kidney injury biomarkers in a proximal tubule-on-a-chip. *Arch Toxicol.* 2021 Jun;95(6):2123-2136.

**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