

## ODN 1826 sodium

Cat. No.:	HY-146245C
Target:	Toll-like Receptor (TLR); Apoptosis
Pathway:	Immunology/Inflammation; Apoptosis
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

## ODN 1826 (sodium)

### BIOLOGICAL ACTIVITY

Description	ODN 1826 sodium is a class B CpG ODN (oligodeoxynucleotide) that is a TLR9 agonist. ODN 1826 sodium is an immunostimulatory agent that induces NO and iNOS production in mouse models. ODN 1826 sodium also enhances apoptosis (apoptosis) and may promote atherosclerosis. ODN 1826 sequence: 5'-tccatgacgttctgacgtt-3' <sup>[1][2][3]</sup> .
IC <sub>50</sub> & Target	TLR9

### CUSTOMER VALIDATION

- Biochem Biophys Res Commun. 2024 Feb 15, 149661.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

- [1]. Hou Y, et al. Lipoamide Ameliorates Oxidative Stress via Induction of Nrf2/ARE Signaling Pathway in PC12 Cells. J Agric Food Chem. 2019 Jul 24;67(29):8227-8234.
- [2]. Qi XF, et al. CpG oligodeoxynucleotide induces apoptosis and cell cycle arrest in A20 lymphoma cells via TLR9-mediated pathways. Mol Immunol. 2013 Jul;54(3-4):327-37.
- [3]. Utaisincharoen P, et al. CpG ODN activates NO and iNOS production in mouse macrophage cell line (RAW 264.7). Clin Exp Immunol. 2002 Jun;128(3):467-73.

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

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