

FITC-labeled ODN 1826 sodium

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

FITC-labeled ODN 1826

BIOLOGICAL ACTIVITY

Description FITC-labeled ODN 1826 (sodium), a class B CpG ODN (oligodeoxynucleotide), is a TLR9 agonist. FITC-labeled ODN 1826 (sodium) can be used to evaluate CpG ODN cellular uptake and localization by confocal laser-scanning microscopy (excitation 495 nm, emission 520 nm) or flow cytometry.

REFERENCES

- [1]. Krogmann AO, et al. Proinflammatory Stimulation of Toll-Like Receptor 9 with High Dose CpG ODN 1826 Impairs Endothelial Regeneration and Promotes Atherosclerosis in Mice. PLoS One. 2016 Jan 11;11(1):e0146326.
- [2]. Utainsincharoen 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.
- [3]. Yuan S, et al. CpG oligodeoxynucleotide 1826 enhances the Lewis lung cancer response to radiotherapy in murine tumor. Cancer Biother Radiopharm. 2011 Apr;26(2):203-8.

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

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