

FITC-labeled ODN 2088 sodium

Cat. No.: HY-150738B
Target: Toll-like Receptor (TLR)
Pathway: Immunology/Inflammation
Storage: Please store the product under the recommended conditions in the Certificate of Analysis.

FITC-labeled ODN 2088

BIOLOGICAL ACTIVITY

Description

FITC-labeled ODN 2088 (sodium) is a potent TLR3, TLR7 and TLR9 inhibitor. FITC-labeled ODN 2088 (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]. Duramad O, et al. Inhibitors of TLR-9 act on multiple cell subsets in mouse and man in vitro and prevent death in vivo from systemic inflammation. *J Immunol.* 2005 May 1;174(9):5193-200.
- [2]. Römmeler F, et al. Guanine modification of inhibitory oligonucleotides potentiates their suppressive function. *J Immunol.* 2013 Sep 15;191(6):3240-53.
- [3]. Guanine-modified inhibitory oligonucleotides efficiently impair TLR7- and TLR9-mediated immune responses of human immune cells. *PLoS One.* 2015 Feb 19;10(2):e0116703.

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

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