

FITC-labeled ODN 1668 sodium

Cat. No.: HY-150726B
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 1668

BIOLOGICAL ACTIVITY

Description

FITC-labeled ODN 1668 (sodium), a class B CpG ODN (oligodeoxynucleotide), is a TLR9 agonist. FITC-labeled ODN 1668 (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]. Damm J, et al. Intraperitoneal and subcutaneous injections of the TLR9 agonist ODN 1668 in rats: brain inflammatory responses are related to peripheral IL-6 rather than interferons. *J Neuroimmunol.* 2014 Dec 15;277(1-2):105-17.
- [2]. Lipford GB, et al. CpG-containing synthetic oligonucleotides promote B and cytotoxic T cell responses to protein antigen: a new class of vaccine adjuvants. *Eur J Immunol.* 1997 Sep;27(9):2340-4.

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

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