

ODN 2336 sodium

Cat. No.:	HY-150742A
Target:	Toll-like Receptor (TLR)
Pathway:	Immunology/Inflammation
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

ODN 2336 (sodium)

BIOLOGICAL ACTIVITY

Description

ODN 2336 sodium is a A-Class CpG ODN (oligodeoxynucleotides), is a potent TLR9 agonist. ODN 2336 sodium induces the production of IFN- α . ODN 2336 sodium up-regulates the expression of IP-10 mRNA and IL-18 mRNA. ODN 2336 sodium can be used as adjuvant of vaccines^{[1][2][3]}.

REFERENCES

- [1]. urk M, et al. C-Class CpG ODN: sequence requirements and characterization of immunostimulatory activities on mRNA level. *Immunobiology*. 2004;209(1-2):141-54.
- [2]. old MC, et al. Purified neonatal plasmacytoid dendritic cells overcome intrinsic maturation defect with TLR agonist stimulation. *Pediatr Res*. 2006 Jul;60(1):34-7.
- [3]. Hilbert T, et al. Beta2-adrenoceptor stimulation suppresses TLR9-dependent IFNA1 secretion in human peripheral blood mononuclear cells. *PLoS One*. 2013 May 28;8(5):e65024.

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

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