



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## ODN 2336 sodium

<b>Cat. No.:</b>	HY-150742A
<b>Target:</b>	Toll-like Receptor (TLR)
<b>Pathway:</b>	Immunology/Inflammation
<b>Storage:</b>	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- $\alpha$ . 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<sup>[1][2][3]</sup>.

### 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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