

## ODN 2216 sodium

Cat. No.:	HY-150741C
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)

## ODN 2216 (sodium)

## BIOLOGICAL ACTIVITY

## Description

ODN 2216 sodium is a human-specific TLR9 (toll-like receptor 9) ligand or agonist. ODN 2216 sodium induces high amounts of IFN- $\alpha$  and IFN- $\beta$ . ODN 2216 sodium induces IFN- $\alpha$  by pDC (plasmacytoid DC) and IL-12 (p40) production by DC (dendritic cells). ODN 2216 sodium stimulates IFN- $\gamma$  production in peripheral blood mononuclear cells (PBMC), which is indirect and mediated by IFN- $\alpha/\beta$ . ODN 2216 sodium can activate NK cells and promote IFN- $\gamma$  production of TCR-triggered CD4<sup>+</sup> T cells<sup>[1][2][3][4][5]</sup>.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA