

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- α and IFN- β . ODN 2216 sodium induces IFN- α by pDC (plasmacytoid DC) and IL-12 (p40) production by DC (dendritic cells). ODN 2216 sodium stimulates IFN- γ production in peripheral blood mononuclear cells (PBMC), which is indirect and mediated by IFN- α/β . ODN 2216 sodium can activate NK cells and promote IFN- γ production of TCR-triggered CD4⁺ T cells^{[1][2][3][4][5]}.

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

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