

ODN 2216 sodium

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: -20°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	ODN 2216 sodium is a human-specific TLR9 (toll-like receptor 9) ligand or agonist. It induces significant production of IFN- α and IFN- β . The compound stimulates IFN- α through pDC (plasmacytoid dendritic cells) and produces IL-12(p40) via DC (dendritic cells). ODN 2216 triggers peripheral blood mononuclear cells (PBMC) to produce IFN- γ indirectly, mediated by IFN- α/β . Additionally, ODN 2216 sodium can activate NK cells and enhance IFN- γ production in TCR-triggered CD4+ T cells.
Targets(IC50)	TLR

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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