

## ODN INH 18

Cat. No.:	HY-153840
CAS No.:	1934318-43-0
Molecular Weight:	7723.29
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 INH 18

### BIOLOGICAL ACTIVITY

#### Description

ODN INH-18 is a linear 24-mer class B INH-ODN in which the 5' INH-ODN 4084-F sequence was followed by a random stretch of 12 nucleotides lacking the ability to form significant secondary structures. ODN INH-18 shows inhibitory potency for TLR9 ligand-induced IFN- $\alpha$  production.

### REFERENCES

[1]. Lenert P, Yasuda K, Busconi L, et al. DNA-like class R inhibitory oligonucleotides (INH-ODNs) preferentially block autoantigen-induced B-cell and dendritic cell activation in vitro and autoantibody production in lupus-prone MRL-Fas(lpr/lpr) mice in vivo. *Arthritis Res Ther.* 2009;11(3):R79.

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

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