

ODN 24991

Cat. No.:	HY-150746	
CAS No.:	1682661-49-9	
Sequence:	DNA, d(P-thio)(C-C-T-G-G-C-c7rGm-G-G-G)	
Target:	Toll-like Receptor (TLR)	DNA, d(P-thio)(C-C-T-G-G-C-c7rGm-G-G-G)
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)	

SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 100 mg/mL (Need ultrasonic)
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BIOLOGICAL ACTIVITY

Description	ODN 24991, a guanine-modified inhibitory oligonucleotide (INH-ODN), is a TLR3, TLR7 and TLR9 (Toll-like receptor) inhibitor, and its parent is INH-ODN 2088. ODN 24991 disrupts TLR3-, TLR7- and TLR9-mediated immune cell immune responses. ODN 24991 sequence: 5'-C-C-T-G-G-C-c7rGm-G-G-G-3' ^[1] .
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REFERENCES

[1]. Franziska Römmeler, et al. Guanine-modified inhibitory oligonucleotides efficiently impair TLR7- and TLR9-mediated immune responses of human immune cells. PLoS One. 2015 Feb 19;10(2):e0116703.

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

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