

ODN 24888

Cat. No.:	HY-150744	
CAS No.:	1964506-30-6	
Molecular Weight:	4904	
Sequence:	DNA, d(P-thio)(T-C-C-T-G-G-C-c7rGm-G-G-G-A-A-G-T)	DNA, d(P-thio)(T-C-C-T-G-G-C-c7rGm-G-G-G-A-A-G-T)?
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)	

BIOLOGICAL ACTIVITY

Description	ODN 24888 is an guanine-modified inhibitory oligonucleotides (INH-ODN), shows potent inhibition on TLR7/TLR9-mediated signaling. ODN 24888 impairs IFN- α level and NF- κ B activation, inhibits IL-6 release. ODN 24888 involves in immune and inflammatory responses, can be used as a vaccine adjuvant ^{[1][2]} .	
IC₅₀ & Target	TLR7	TLR9

REFERENCES

- [1]. Saul Meike, et al. Reduction of bone resorption, especially in chronic joint diseases: Germany, DE102019122014 A1. 2021-02-18.
- [2]. Römmler F, 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.

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