

FITC-labeled ODN TTAGGG sodium

Cat. No.:	HY-150751B	
Target:	Toll-like Receptor (TLR)	
Pathway:	Immunology/Inflammation	
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	FITC-labeled ODN TTAGGG

BIOLOGICAL ACTIVITY

Description FITC-labeled ODN TTAGGG (sodium), a inhibitory oligonucleotide (ODN), is a TLR9, AIM2 and cGAS antagonist. FITC-labeled ODN TTAGGG (sodium) can be used to evaluate CpG ODN cellular uptake and localization by confocal laser-scanning microscopy (excitation 495 nm, emission 520 nm) or flow cytometry.

REFERENCES

[1]. Folkert Steinhagen, et al. Suppressive oligodeoxynucleotides containing TTAGGG motifs inhibit cGAS activation in human monocytes. *Eur J Immunol.* 2018 Apr;48(4):605-611.

[2]. John J Kaminski, et al. Synthetic oligodeoxynucleotides containing suppressive TTAGGG motifs inhibit AIM2 inflammasome activation. *J Immunol.* 2013 Oct 1;191(7):3876-83.

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

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