

## Biotin-labeled ODN TTAGGG sodium

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

### BIOLOGICAL ACTIVITY

#### Description

Biotin-labeled ODN TTAGGG (sodium), a inhibitory oligonucleotide (ODN), is a TLR9, AIM2 and cGAS antagonist. Biotin-labeled ODN TTAGGG (sodium) can be used to evaluate CpG ODN cellular uptake and localization using a biotin detection system and light microscopy.

### 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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