

## FITC-labeled Agatolimod sodium

<b>Cat. No.:</b>	HY-146244B	
<b>Target:</b>	Toll-like Receptor (TLR); 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.	FITC-labeled Agatolimod (sodium)

### BIOLOGICAL ACTIVITY

**Description** FITC-labeled Agatolimod (sodium), a class B CpG ODN (oligodeoxynucleotide), is a TLR9 agonist. FITC-labeled Agatolimod (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]. Xie H, et al. CpG-induced immunomodulation and intracellular bacterial killing in a chicken macrophage cell line. *Dev Comp Immunol*. 2003 Oct;27(9):823-34.
- [2]. Babaer D, et al. Oligodeoxynucleotides ODN 2006 and M362 Exert Potent Adjuvant Effect through TLR-9/-6 Synergy to Exaggerate Mammaglobin-A Peptide Specific Cytotoxic CD8+T Lymphocyte Responses against Breast Cancer Cells. *Cancers (Basel)*. 2019 May 14;11(5):672.

**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](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA