

## STING18 biochemical

STING18

CATALOG #  
**AAA227385**

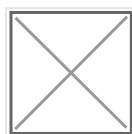
### PRODUCT SYNONYMS

STING18; OPC-6535; STING18 biochemical

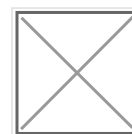
### PRODUCT SPECIFICATIONS

|                         |                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                                              |
| Solubility              | DMF: 10 mg/mL                                                                                    |
|                         | DMSO: 5 mg/mL                                                                                    |
|                         | DMF:PBS (pH 7.2)(1:8): 0.11 mg/mL<br><1mg/ml refers to the product slightly soluble or insoluble |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years                         |

### IMAGES



Structure  
Tetomilast, CAS 145739-56-6



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### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for STING18 biochemical | STING18 is a competitive ligand of stimulator of interferon genes (STING; IC <sub>50</sub> = 0.068 uM in a radioligand binding assay). <sup>1</sup> It inhibits cGAMP-induced IFN-beta production (IC <sub>50</sub> = 11 uM) but does not stimulate IFN-beta production (EC <sub>50</sub> = 30 uM) in THP-1 cells. |
| References                                          | 1. Ichikawa H, Okamoto S, Kamada N, et al. Tetomilast suppressed production of proinflammatory cytokines from human monocytes and ameliorated chronic colitis in IL-10-deficient mice. Inflamm Bowel Dis. 2008;14(11):1483-1490.                                                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/sting18/227385>