

5'-pGpG (sodium salt) Biochemical

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CATALOG #
AAA227379

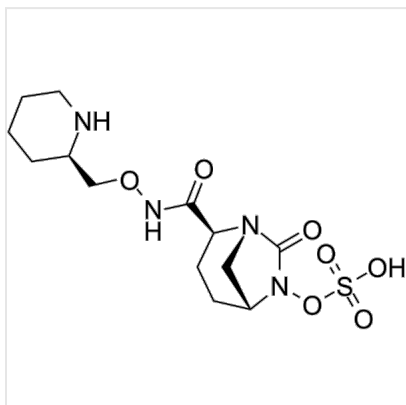
PRODUCT SYNONYMS

5'-pGpG (sodium salt); 5'-pGpG (sodium salt) biochemical

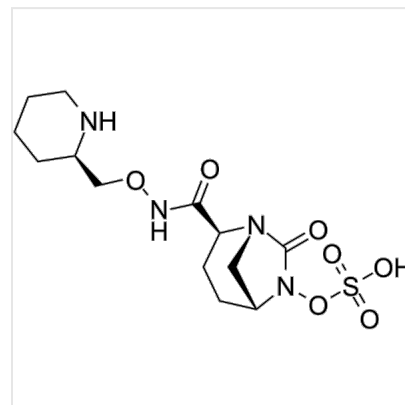
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	H ₂ O: Soluble <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Antibacterial agent 38, CAS 1452459-12-9



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ADDITIONAL INFORMATION

Related Product Information for 5'-pGpG (sodium salt) biochemical	5'-pGpG is a linearized form of cyclic di-GMP, a bacterial second messenger that activates the host innate immune system through stimulator of interferon genes (STING). 1,2,3It is a metabolite of cyclic di-GMP formed via hydrolysis by various phosphodiesterases (PDEs) that binds to the cyclic di-GMP-I riboswitch with reduced affinity compared to cyclic di-GMP. 4,55'-pGpG is intended for use as a negative control for cyclic di-GMP signaling.
References	1. Bhagwat S, et, al. Pharmaceutical compositions comprising antibacterial agents. WO2015063714A1.

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.