

Cyclic di-AMP (sodium salt) Biochemical

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CATALOG #
AAA227047

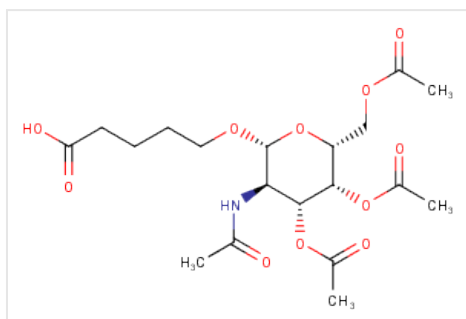
PRODUCT SYNONYMS

Cyclic di-AMP (sodium salt); Cyclic di-AMP (sodium salt) biochemical

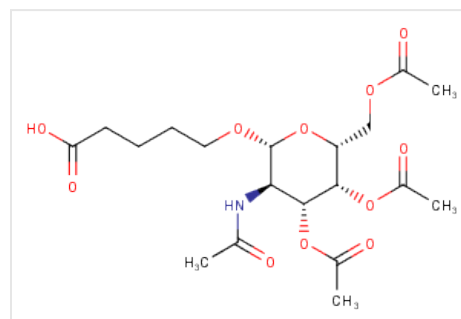
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	H ₂ O: 1 mg/mL <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
TLR4-IN-C34-C2-COOH, CAS 1159408-54-4



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ADDITIONAL INFORMATION

Related Product Information for Cyclic di-AMP (sodium salt) biochemical	Cyclic di-AMP (c-di-AMP) is a second messenger produced by bacteria but not by mammals. Generated by a family of diadenylate cyclases, c-di-AMP can impact bacterial cell growth, cell wall homeostasis, pathogenicity, and other cellular functions. Bacteria-derived cyclic dinucleotides, including c-di-AMP, trigger the expression of interferon genes in mammalian cells.
References	1. Neal MD, et al. Discovery and validation of a new class of small molecule Toll-like receptor 4 (TLR4) inhibitors. PLoS One. 2013;8(6):e65779. Published 2013 Jun 12.

NCBI AND UNIPROT INFORMATION

Molecular Weight	447.437
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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.