

Cyclic di-UMP (sodium salt) Biochemical

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CATALOG #
AAA227249

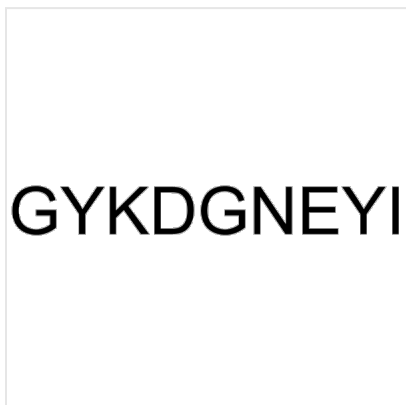
PRODUCT SYNONYMS

Cyclic di-UMP (sodium salt); Listeriolysin O (91-99); Cyclic di-UMP (sodium salt) biochemical

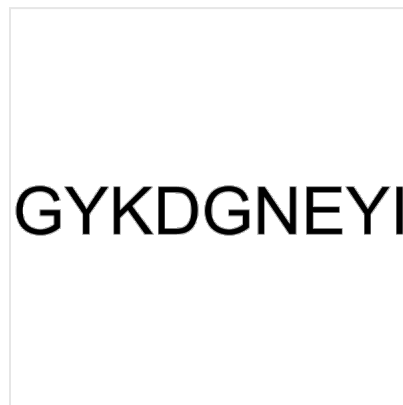
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	H2O: 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
LLO (91-99), CAS 137856-41-8



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ADDITIONAL INFORMATION

Related Product Information for Cyclic di-UMP (sodium salt) biochemical	Cyclic di-UMP is a pyrimidine-containing cyclic dinucleotide (CDN). It is produced by bacterial cGAS/DncV-like nucleotidyltransferases (CD-NTases), such as LpCdnE02 from <i>L. pneumophila</i> , and binds to cGAS, in the apo or dsDNA-bound forms, with reduced affinity compared to 2'3'-cGAMP or 3'3'-cGAMP. ^{1,2} Cyclic di-UMP is intended for use as a negative control for cyclic di-GMP signaling.
References	1. N K Verma, et al. Delivery of class I and class II MHC-restricted T-cell epitopes of listeriolysin of <i>Listeria monocytogenes</i> by attenuated <i>Salmonella</i> . <i>Vaccine</i> . 1995 Feb;13(2):142-50.

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.