

2'- / 3'- O- (N'- Methylanthraniloyl)guanosine- 5'- O- triphosphate (MANT-GTP) Biochemical

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CATALOG #
AAA52702

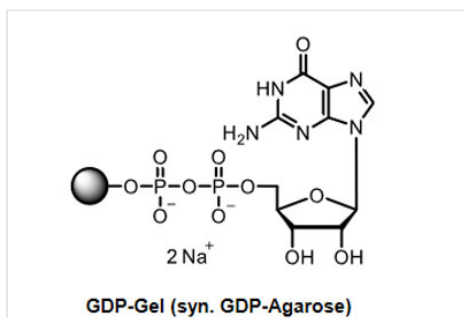
PRODUCT SYNONYMS

2'- / 3'- O- (N'- Methylanthraniloyl)guanosine- 5'- O- triphosphate (MANT-GTP); 2'- / 3'- O- (N'- Methylanthraniloyl)guanosine- 5'- O- triphosphate (MANT-GTP) biochemical

PRODUCT SPECIFICATIONS

Specificity	Suspension in 30 mM Na ₂ HPO ₄ buffer (pH 7). Ligand density: approximately 37.2 µmol/g of gel (dry basis). UV: λ max 252 nm/suspension in glycol.
Properties	GDP-Gel is suitable for the affinity purification of fucosyltransferases
Chromatography	After equilibration with 20 mM Mes-KOH, pH 6.8, containing 0.02% NaN ₃ and 1 mM dithioerythritol the affinity column is loaded with the protein solution, e.g. at 1 mL/min. The column is then washed with 20 mM Mes-KOH buffer, pH 6.8, containing 50 mM NaCl, 0.02% NaN ₃ , and 30% glycerol and subsequently with the same buffer containing 500 mM NaCl. Elution of the enzyme can be performed with the same buffer containing 1.5 M NaCl (all data according to Costa et al. 1997)
Toxicity and Safety	Please keep in mind that the in vivo properties of this compound are not sufficiently characterized up to now. Avoid skin contact or ingestion and allow only trained personnel to work with it. Our products are designed, developed and sold for research purposes only. They are intended for in vitro and non-human in vivo laboratory applications. Any other use requires approval of health authorities. Not for drug, household or related uses.
Preparation and Storage	GDP-Gel has sufficient stability for chromatography at ambient temperature and does not need special care during handling or shipment. Nevertheless, for longer storage periods the gel should be kept in the refrigerator at 4°C to 8°C. Storage buffer should contain 0.1% sodium azide for prevention of microbial growth

IMAGES



Structure

ADDITIONAL INFORMATION

Related Product Information for 2'- / 3'- O- (N'- Methylanthraniloyl)guanosine- 5'- O- triphosphate (MANT-GTP) biochemical

Description: Guanosine-5'-O-diphosphate (GDP) has been immobilized on a polymeric matrix via the terminal phosphate.

Immobilized cytidine-5'-O-diphosphate (CDP-Gel, Cat. No. ([MBS256010](#)) & ([MBS256400](#))) and uridine-5'-O-diphosphate (UDP-Gel, ([MBS25606](#)) & ([MBS25614](#)) & ([MBS256116](#))) are also offered.

NCBI AND UNIPROT INFORMATION

Molecular Weight	656.3
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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.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/2-3-o-n-methylantraniloyl-guanosine-5-o-triphosphate-mant-gtp/52702>