

P1- (5'- Adenosyl)- P4- (5'- uridyl)- tetraphosphate / Uridine adenosine tetraphosphate (Ap4U / Up4A) Biochemical

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CATALOG #

AAA52676

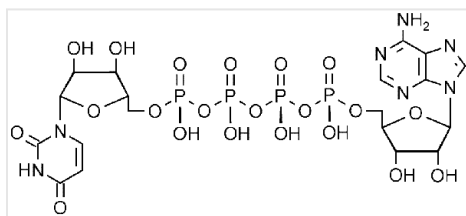
PRODUCT SYNONYMS

P1- (5'- Adenosyl)- P4- (5'- uridyl)- tetraphosphate / Uridine adenosine tetraphosphate (Ap4U / Up4A); P1- (5'- Adenosyl)- P4- (5'- uridyl)- tetraphosphate / Uridine adenosine tetraphosphate (Ap4U / Up4A) biochemical

PRODUCT SPECIFICATIONS

Specificity	Lyophilized or crystallized sodium salt. The free acid or other salt forms are available upon request. Equal concentrations of Up4A can appear very different in volume due to sensitivity of the lyophilized form to humidity. The compound can even contract to small volume droplets. Normally the product is located in the conical bottom of the tube. Micromolar quantities are determined by UV at 260nm
Purity/Purification	Typical analysis is better than 95% (HPLC / UV / 260 nm). The product is not sterile and has not been tested for endotoxins.
CAS No.	10527-48-7
Properties	Up4A is a purinoceptor agonist and endothelium-derived vasoconstrictive factor.
Formula	C ₁₉ H ₂₇ N ₇ O ₂₁ P ₄
Solubility	Up ₄ A is soluble to at least 32 mM in water. Please rinse tube walls carefully and preferably use ultrasonic or vortex to achieve total and uniform mixing. When opening the tube please make sure that no substance is lost within the cap.
Preparation and Storage	Up ₄ A has sufficient stability at room temperature. Nevertheless, the lab recommends that the compound should be stored in the freezer, for longer storage periods preferably in freeze-dried form.

IMAGES



Structure

ADDITIONAL INFORMATION

Related Product Information for P1- (5'- Adenosyl)- P4- (5'- uridyl)- tetraphosphate / Uridine adenosine tetraphosphate (Ap4U / Up4A) biochemical

Up₄A is a dinucleoside polyphosphate containing both, a purine nucleobase as well as a pyrimidine nucleobase moiety.

NCBI AND UNIPROT INFORMATION

Molecular Weight	813.4
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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/p1-5-adenosyl-p4-5-uridyl-tetraphosphate-uridine-adenosine-tetraphosphate-ap4u-up4a/52676>