

N6- Cyclohexyladenosine- 5'- O- triphosphate (6-cHe-ATP) Biochemical

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CATALOG #
AAA52692

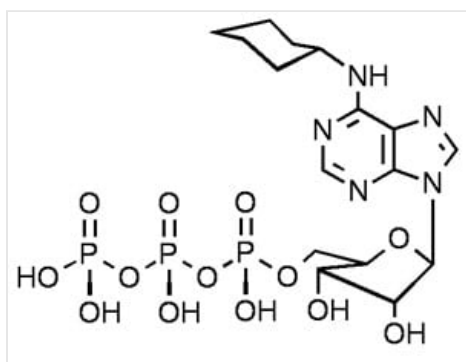
PRODUCT SYNONYMS

N6- Cyclohexyladenosine- 5'- O- triphosphate (6-cHe-ATP); N6- Cyclohexyladenosine- 5'- O- triphosphate (6-cHe-ATP) biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	Typical analysis is better than 95% (HPLC / UV / 270 nm) at time of quality control and packing. The product is not sterile and has not been tested for endotoxins.
Properties	Analogue useful for specific interaction with modified receptor proteins (chemical genetics).
Specification	Sodium salt in aqueous solution (10 mM). The free acid or other salt forms are available upon request. Micro molar quantities are determined by UV at Lambda max. When opening the tube please make sure that no liquid is lost within the cap. A short spin-down in a bench centrifuge is recommended before use.
Toxicity and Safety	Since nucleoside triphosphates have multiple tasks in every organism, it is likely that ATP analogues will interfere with many cell regulation processes in vivo. However, due to the rather small quantities to work with, no health hazards have been reported. Nevertheless 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 handle the product. Our products are designed, developed and sold for research purposes only! They are intended for in vitro and nonhuman in vivo laboratory applications. Any other use requires approval of health authorities. Not for drug, household or related uses
!CAS No.	[206978-73-6]
Formula	C ₁₆ H ₂₆ N ₅ O ₁₃ P ₃ for free acid
UV	Lambda max 270 nm / Epsilon 19900 / pH 7
Preparation and Storage	6-cHe-ATP is relatively stable when stored frozen in aqueous solution (- 20°C necessary, - 80°C recommended). In order to maintain its original high quality, it is recommended to allow thawing only before using the product. If you will not use up the vial with one application, please aliquot the content of the vial in order to avoid repeated freeze/thaw cycles for the rest. When making such aliquots be sure to operate quickly and to freeze the vial again as soon as possible. Ships with Dry Ice.

IMAGES



Structure

ADDITIONAL INFORMATION

Related Product Information for N6-Cyclohexyladenosine- 5'- O- triphosphate (6-cHe-ATP) biochemical	6-cHe-ATP is an analogue of adenosine- 5'- O- triphosphate (ATP) in which one hydrogen of the 6- amino group has been substituted by a cyclohexyl moiety.
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NCBI AND UNIPROT INFORMATION

Molecular Weight	589.3 for free acid
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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/n6-cyclohexyladenosine-5-o-triphosphate-6-che-atp/52692>