

8-Azido-ATP Biochemical

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CATALOG #
AAA228752

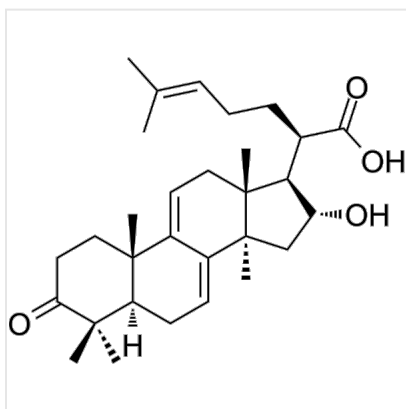
PRODUCT SYNONYMS

8-Azido-ATP; 8-Azido-ATP biochemical

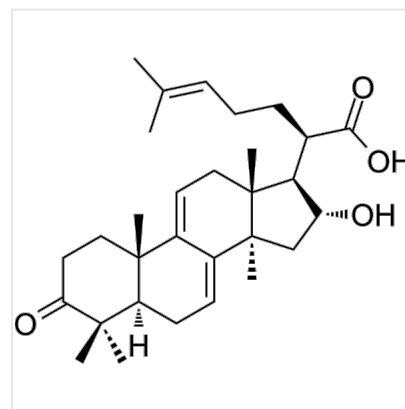
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	53696-59-6
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	8-Azido-ATP can be used to identify the viral RNA polymerase on the basis of the ability of the analog to inhibit transcription activity associated with rotavirus particles on exposure to UV light[1]. 8-Azido-ATP (azido-ATP) decreases viral transcription in a dose-dependent manner[1]. 8-Azido-ATP blocks Kir6.2deltaC26 currents rather less potently than ATP, half-maximal inhibition (Ki) occurring at 2.8 +/- 0.4 mM (n = 6) compared with 172 +/- 7 mM for ATP (n = 6). The Hill coefficients were 0.9 +/- 0.2 for 8-azido-ATP and 1.3 +/- 0.1 for ATP[2].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
16R-Hydroxy-3-oxolanosta-7,9(11),24-trien-21-oic acid, CAS 862109-64-6



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16R-Hydroxy-3-oxolanosta-7,9(11),24-trien-21-oic acid, CAS 862109-64-6

ADDITIONAL INFORMATION

Related Product Information for 8-Azido-ATP biochemical	8-Azido-ATP, a photoreactable nucleotide analog, is useful for the identification of proteins, such as DNA-dependent RNA polymerase.
References	1. Silva ED, et, al. Lanostane triterpenoids from the Sri Lankan basidiomycete Ganoderma applanatum. J Nat Prod. 2006 Aug;69(8):1245-8.

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.

