

3'-Deoxyuridine-5'-triphosphate trisodium Biochemical

3'-Deoxyuridine-5'-triphosphate trisodium

CATALOG #
AAA227059

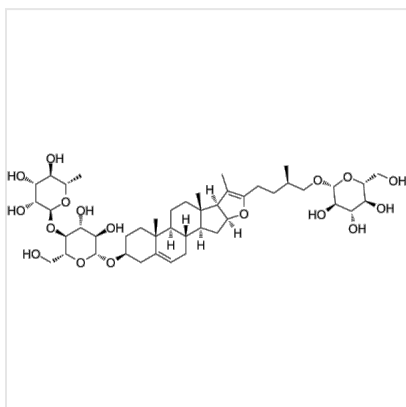
PRODUCT SYNONYMS

3'-Deoxyuridine-5'-triphosphate trisodium; 3'-Deoxyuridine-5'-triphosphate trisodium biochemical

PRODUCT SPECIFICATIONS

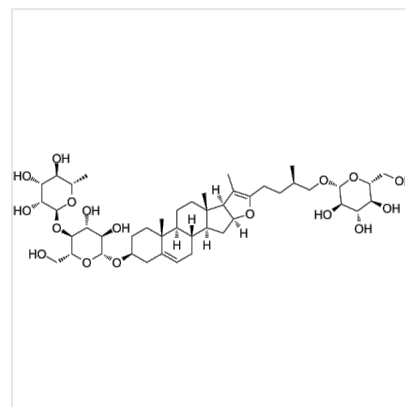
Purity/Purification	98%
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	3'-Deoxyuridine-5'-triphosphate (3'-dUTP) is synthesized starting from cordycepin in good yield. 3'-Deoxyuridine-5'-triphosphate strongly and competitively inhibits the incorporations of UTP into RNA by the RNA polymerases. 3'-Deoxyuridine-5'-triphosphate will be useful in studies at the molecular level on the relationship of template and substrate in RNA synthesis with chromatin, isolated nuclei or permeable cells, because it does not have any effect on poly (rA) synthesis[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure

Furostan, beta-D-glucopyranoside deriv, CAS 117457-34-8



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ADDITIONAL INFORMATION

Related Product Information for 3'-Deoxyuridine-5'-triphosphate trisodium biochemical	3'-Deoxyuridine-5'-triphosphate trisodium (3'-dUTP trisodium) is a nucleotide analogue that inhibits DNA-dependent RNA polymerases I and II. 3'-Deoxyuridine-5'-triphosphate trisodium strongly and competitively inhibits the incorporations of UTP into RNA with a K_i value of 2.0 μ M[1].
References	1. Liang ZZ, et, al. Oligofurostanosides from <i>Asparagus cochinchinensis</i> . <i>Planta Med.</i> 1988 Aug;54(4):344-6.

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.