

2,8-Dihydroxyadenine Biochemical

2,8-Dihydroxyadenine

CATALOG #
AAA228628

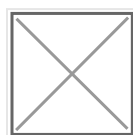
PRODUCT SYNONYMS

2; 8-Dihydroxyadenine; 5'-O-DMT-N4-Bz-dC; 8-Dihydroxyadenine biochemical

PRODUCT SPECIFICATIONS

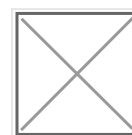
Purity/Purification	98%
CAS	30377-37-8
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure

N4-Benzoyl-5'-O-(4,4'-dimethoxytrityl)-2'-deoxycytidine, CAS 67219-55-0



Structure

N4-Benzoyl-5'-O-(4,4'-dimethoxytrityl)-2'-deoxycytidine, CAS 67219-55-0

ADDITIONAL INFORMATION

Related Product Information for 2,8-Dihydroxyadenine biochemical	2,8-Dihydroxyadenine, an endogenous metabolite, can cause the formation of urinary crystals and kidney stones. 2,8-Dihydroxyadenine can be used to identify adenine phosphoribosyltransferase (APRT) deficiency.
References	1. James W Gaynor, et al. Synthesis of the 3'-thio-nucleosides and subsequent automated synthesis of oligodeoxynucleotides containing a 3'-S-phosphorothiolate linkage. Nat Protoc. 2007;2(12):3122-35.

NCBI AND UNIPROT INFORMATION

Molecular Weight	633.701
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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/28-dihydroxyadenine/228628>