

Product Data Sheet



Biotin-11-dATP Catalog ID: 210030

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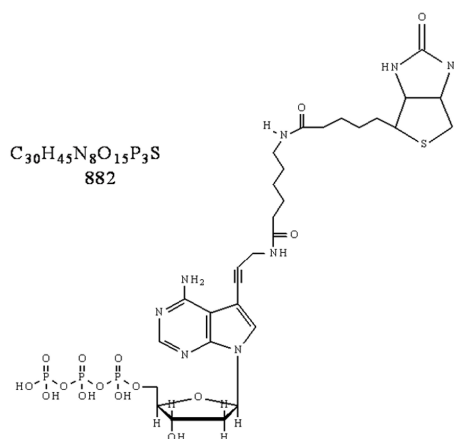
Description

Biotin-labeled deoxyadenosine triphosphate (dATP) is a valuable reagent for DNA labeling using techniques such as nick translation, random priming, polymerase chain reaction (PCR), and 3'-end labeling. Biotin-labeled products can be detected using streptavidin conjugates.

The number "11" in the compound name indicates the length of the linker arm that connects the dATP molecule to the biotin label.

Chemical Properties

CAS number	NA
Formula	C ₃₀ H ₄₅ N ₈ O ₁₅ P ₃ S
Molecular Weight	882
Concentration	1.0 mM
Solvent	10 mM Tris-HCl, pH 7.6, 1.0 mM EDTA
HPLC Purity	≥95%
λ _{abs} (nm)	280
λ _{fl} (nm)	NA
ε _{max} (M ⁻¹ cm ⁻¹)	1.27×10 ⁴



Storage

Upon receipt, store at -20°C in the dark. Protect from light and moisture. When stored as indicated, Biotin-11-dATP is stable for at least 1 year.

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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