

Product Insert

100mM dITP

Research Use Only

Product:

2'-Deoxyinosine 5' Triphosphate

Catalogue No.:

BIO-39032 1 x 250µl

Description:

A 100mM solution at pH 7.5 containing 25 μ mol (250 μ l) of dITP

Purity:

Bioline dNTP's are >99% pure by HPLC and are free of DNAse, RNAse, Protease, phosphatase and nicking activity

Storage and stability:

dITP can be stored for 12 months at -20°C or -70°C in a constant temperature freezer. Avoid multiple freezing and thawing. For long-term usage, aliquoting is recommended.

Batch details:

Pack Size: 25µmol
Concentration: 100mM
Presentation: 1 x 250µl
Batch No: See vial

Typical Analysis:

Lithium salt, >99% deoxyinosine triphosphate (HPLC, area %), <1% deoxynucleoside monophosphates and deoxynucleoside diphosphates.

dITP Characteristics:

Molecular Weight Molar Extinction 492.2 $1\mu mol = 12.2 A_{269}$ units

Application:

For direct use in DNA sequencing, PCR, labelling and in vitro DNA synthesis

HPLC data available upon request

Note: The PCR process is covered by patents issued and applicable in certain countries..

This product contains a declaration of analysis at the time of manufacture