

DATA QUALITY SHEET



AA-dUTP

5-(3-aminoallyl)-2'-deoxyuridine 5'-triphosphate

FOR RESEARCH USE ONLY

Cat. GC-013-014

DESCRIPTION

AA-dUTP can be used for enzymatic indirect non-radioactive labeling of DNA in PCR, nick-translation, cDNA synthesis or primer extension reactions. It can be incorporated into DNA using Reverse Transcriptases, Taq DNA Polymerase, Klenow Fragment. The resulting aminoallyl containing DNA can be subsequently labeled with any amine-reactive fluorescent dye, biotin or hapten, resulting in a uniform and high density labeling of DNA.

CONCENTRATION 10 mM

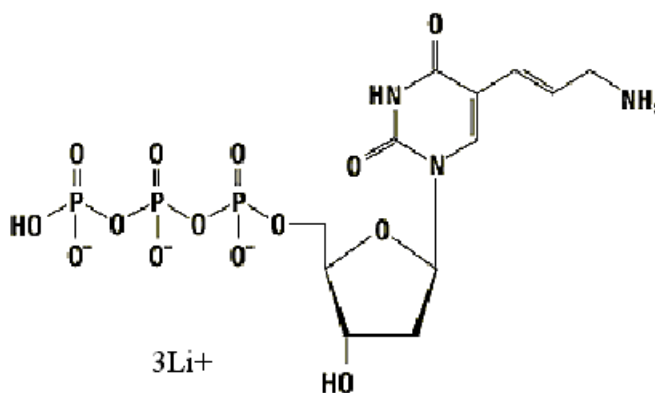
STORAGE -20°C

PURITY 96 – 99 % according to HPLC analysis.

PACK SIZE 100 µl (1 µmol)

FORMULA
MW

$C_{12}H_{17}N_3O_{14}P_3Li_3$
523.2 (acid form)



FUNCTIONAL ANALYSIS Tested functionally in a unit activity test.