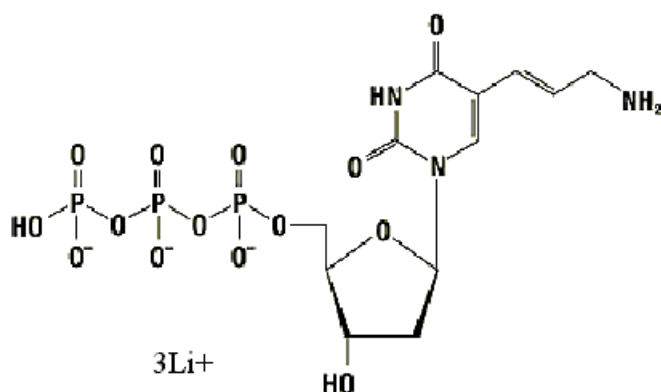


Description: Aminoallyl-dUTP (AA-dUTP; 5- (3-aminoallyl)- 2'- deoxyuridine -5'- triphosphate, trilitium salt) is a widely used compound for non-radioactive DNA-labeling. Aminoallyl-dUTP can be enzymatically incorporated into DNA via nick-translation, random priming, 3'-end terminal labeling or in the process of PCR. It can be enzymatically incorporated into DNA using reverse transcriptase, *Taq* DNA Polymerase and Klenow Fragment.

The resulting aminoallyl-containing DNA can be subsequently labeled with any amine-reactive fluorescent dye, bion or hapten, resulting in a uniform and high density labeling of DNA.

Ref No.	513001	color
Aminoallyl-dUTP, 10 mM	100 µL	transparent
Datasheet	1	--

Applications: DNA-labeling in random priming, nick-translation, reverse transcription or standard PCR and coupling of amine-reactive fluorescent dyes.



Concentration: 10 mM solution in water

Quality control:

- HPLC analysis
- NMR analysis (inorganic phosphates)
- Exo-endonucleases contamination test
- UV-spectral analysis
- Spectrophotometry

Storage: -20°C