

Description:

Biotin-11-dUTP (Biotin-11-2'-deoxyuridine-5'-triphosphate, tetralithium salt) compound for non-radioactive DNA labeling.

The number "11" is the number of carbon atoms in the backbone of linker between dUTP and biotin. The longer the linker is, the more effective interaction of biotin with avidin occurs. The length of spacer "11" is optimal for most of applications.

Applications:

- labeling of DNA
- nick translation of DNA
- 3'-end labeling
- cDNA synthesis or primer extension reactions
- incorporation into DNA using: Reverse Transcriptase, Taq DNA Polymerase, Klenow Fragment

Quality: more than 96% (IEC, TLC, NMR, UV)

Concentration: 1 mM

Storage buffer: 10 mM TrisHCl, pH 7.5, 1 mM EDTA

Storage: -20°C

Shipping: with "blue ice"

Prod. No.	Description	Quantity
1910	Biotin 11 dUTP (1mM)	100 µl
1911	Biotin 11 dTUP (1mM)	5x 100 µl