

## Bio-11-dutp

### 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

### 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.

**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"

### Ordering information:

Cat.-no	Description	Amount
110	Biotin-11-dUTP	100 µl
111	Biotin-11-dUTP	5x100 µl