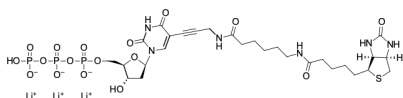


## Biotin-11-dUTP

<http://hk.lumiprobe.com/p/biotin-11-dutp>

Biotinylated deoxyuridine triphosphate (dUTP) can be used for DNA labeling using various methods, including Nick-translation, polymerase chain reaction (PCR), random priming, and 3'-terminal non-radioactive labeling. Generated probes can be used in various hybridization experiments such as Southern blot, Northern blot, dot blot, or FISH. Biotin-labeled probes are detected with horseradish peroxidase-conjugated streptavidin or other biomolecule conjugates binding biotin.

«11» in the compound name indicates the length of the linker between dUTP and biotin; this linker increases the efficiency of labeled dUTP incorporation into DNA and interaction of biotin with specific proteins such as avidin/streptavidin or anti-biotin antibodies.



外观:

分子 878.54

量:

分子  $C_{38}H_{48}N_8Li_3O_{17}P_3S$

式:

IUPAC ((2R,3S,5R)-5-(2,4-dioxo-5-(3-(6-(5-((3aS,4S,6aR)-2-oxohexahydro-1H-thieno[3,4-d]imidazol-4-yl)pentanamido)hexanamido)prop-1-yn-1-yl)-3,4-dihydropyrimidin-1(2H)-yl)-3-hydroxytetrahydrofuran-2-yl)methyl  
名称: hydrogen triphosphate

溶解

度:

质量

控制:

储存

条件: