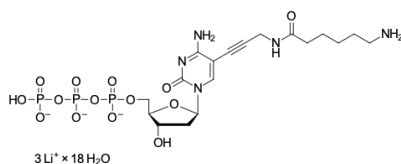


Amino-11-dCTP

<http://www.lumiprobe.com/p/amino-11-dctp>

Amino-11-dCTP has the base modification in 5-position of pyrimidine to introduce primary amine groups via enzymatic reaction. The resulting DNA molecule allows further labeling with amino-reactive reagents.

Modified nucleotides, e.g. deoxycytidine triphosphates (dCTP), are commonly for the incorporation into DNA a functional group, not originally available in the nucleotide structures. Amino-11-dCTP possesses longer linker of 11 atoms for the amino group.



Structure of Amino-11-dCTP

General properties

Appearance: off white solid

Molecular weight: 975.45

Molecular formula: C₁₈H₆₃Li₃N₃O₃₂P₃

Quality control: NMR ¹H and HPLC-MS (95+%)

Storage conditions: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

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