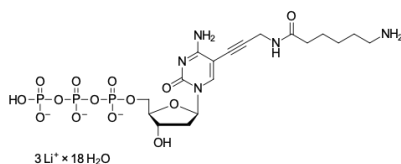


## Amino-11-dCTP

<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: C<sub>18</sub>H<sub>63</sub>Li<sub>3</sub>N<sub>5</sub>O<sub>32</sub>P<sub>3</sub>

Quality control: NMR <sup>1</sup>H and HPLC-MS (95+%)

Storage conditions: Storage: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light and excessive freeze-thaw cycles.

Legal statement: This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.