



## 5-Propargylamino-ddUTP

5-Propargylamino-2',3'-dideoxyuridine-5'-triphosphate, Lithium salt

Cat. No.	Amount
NU-995	1 mg

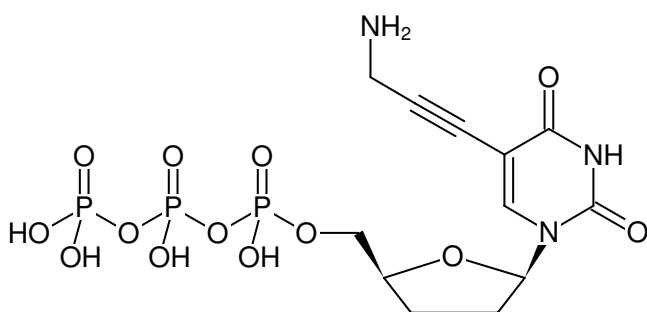
### Applications:

DNA-sequencing<sup>[1]</sup>

### Selected References:

[1] Nampali *et al.* (2002) Utility of thiol-cross-linked fluorescent dye labeled terminators for DNA-sequencing. *Bioconjugate Chem.* **13**:468.

Jahn *et al.* (2011) Functional patterning of DNA origami by parallel enzymatic modification. *Bioconjug. Chem.* **22** (4):819.



Structural formula of 5-Propargylamino-ddUTP

### For general laboratory use.

**Shipping:** shipped on gel packs

**Storage Conditions:** store at -20 °C

Short term exposure (up to 1 week cumulative) to ambient temperature possible.

**Shelf Life:** 12 months after date of delivery

**Molecular Formula:** C<sub>12</sub>H<sub>18</sub>N<sub>3</sub>O<sub>13</sub>P<sub>3</sub> (free acid)

**Molecular Weight:** 505.20 g/mol (free acid)

**Exact Mass:** 505.01 g/mol (free acid)

**Purity:** ≥ 95 % (HPLC)

**Form:** solid

**Color:** white to off-white

**Spectroscopic Properties:** λ<sub>max</sub> 290 nm, ε 13.0 L mmol<sup>-1</sup> cm<sup>-1</sup> (Tris-HCl pH 7.5)