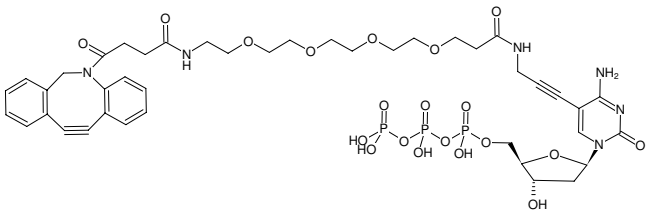
DATA SHEET

Jena Bioscience

5-DBCO-PEG$_4$-dCTP

5-Dibenzylcyclooctyl-PEG$_4$-deoxycytidine-5'-triphosphate, Triethylammonium salt

Cat. No.	Amount
CLK-060S	50 µl (10 mM)
CLK-060L	5 x 50 µl (10 mM)



Structural formula of 5-DBCO-PEG$_4$-dCTP

For research use only.

Please centrifuge briefly before opening (volume ≤2 ml).

Shipping: shipped on gel packs

Storage Conditions: store at -20 °C

Additional Storage Conditions: avoid freeze/thaw cycles

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

Shelf Life: 12 months after date of delivery

Molecular Formula: $C_{42}H_{53}N_6O_{20}P_3$ (free acid)

Molecular Weight: 1054.83 g/mol (free acid)

Exact Mass: 1054.25 g/mol (free acid)

Purity: ≥ 95 % (HPLC)

Form: filtered solution (30 kDa) in 100 mM Tris-HCl

Color: colorless to slightly yellow

Concentration: 10 mM - 11 mM

pH: 7.5 ±0.5

Spectroscopic Properties: λ_{max} 308 nm, ε 13.8 L mmol^{-1} cm^{-1} (Tris-HCl pH 7.5)