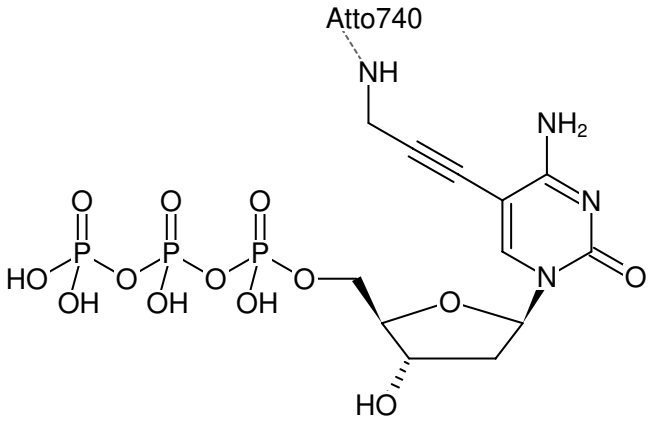
DATA SHEET

Jena Bioscience

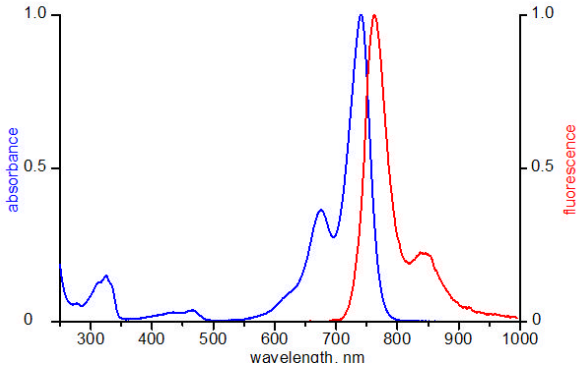
5-Propargylamino-dCTP-ATTO-740

5-Propargylamino-2'-deoxycytidine-5'-triphosphate, labeled with ATTO 740, Triethylammonium salt

Cat. No.	Amount
NU-809-740	40 µl (1 mM)



Structural formula of 5-Propargylamino-dCTP-ATTO-740



excitation and emission spectrum of ATTO 740

For general laboratory use.

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

Shipping: shipped on gel packs

Storage Conditions: store at -20 °C

Additional Storage Conditions: long time storage at pH 7.5

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

Shelf Life: 12 months after date of delivery

Molecular Formula: $C_{12}H_{19}N_4O_{13}P_3$ - ATTO 740 (free acid)

Molecular Weight: 969.22 g/mol (free acid)

Purity: ≥ 95 % (HPLC)

Form: solution in water

Color: green

Concentration: 1.0 mM - 1.1 mM

pH: 7.5 ±0.5

Spectroscopic Properties: λ_{exc} 743 nm, λ_{em} 763 nm, ε 120.0 L mmol^{-1} cm^{-1} (Tris-HCl pH 7.5)

Please note: The dye decomposes at pH-levels greater 8.0. The recommended pH for a solution of this product is 7.5.