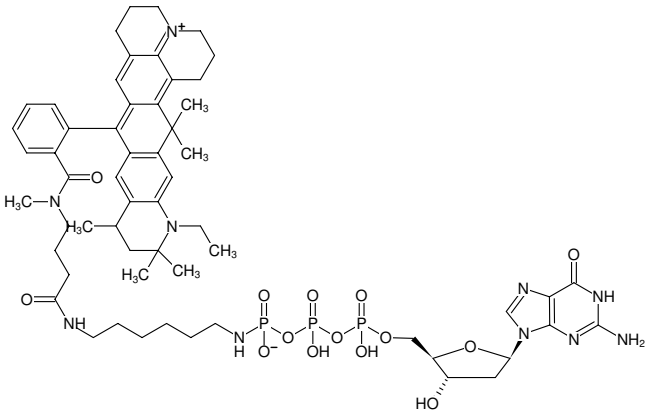
DATA SHEET

Jena Bioscience

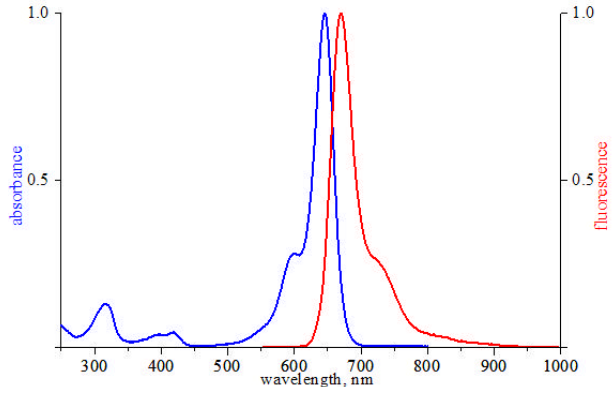
γ-[(6-Aminohexyl)-imido]-dGTP-ATTO-647N

γ-[(6-Aminohexyl)-imido]-2'-deoxyguanosine-5'-triphosphate, labeled with ATTO-647N, Triethylammonium salt

Cat. No.	Amount
NU-849-647N	120 µl (0,5 mM)



Structural formula of γ-[(6-Aminohexyl)-imido]-dGTP-ATTO-647N



excitation and emission spectrum of ATTO 647N

For general laboratory use.

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

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: $C_{58}H_{79}N_{10}O_{14}P_3$ (free acid)

Molecular Weight: 1233.23 g/mol (free acid)

Exact Mass: 1232.50 g/mol (free acid)

Purity: ≥ 95 % (HPLC)

Form: solution in 10 mM Tris-HCl

Color: blue

Concentration: 0.50 mM - 0.55 mM

pH: 8.0 ±0.5

Spectroscopic Properties: λ_{exc} 646 nm, λ_{em} 664 nm, ε 150.0 L $mmol^{-1}$ cm^{-1} (Tris-HCl pH 7.5)

Please note: This compound contains a phosphoramide linkage which is hydrolyzed at pH <7.0.