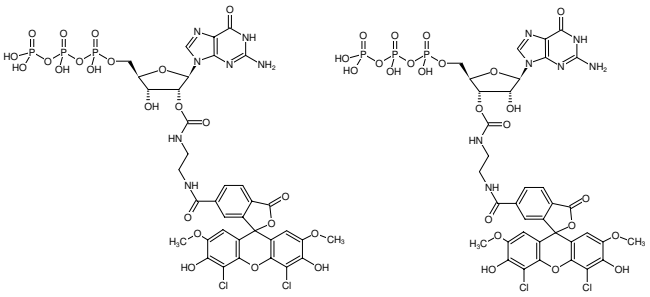
DATA SHEET

Jena Bioscience

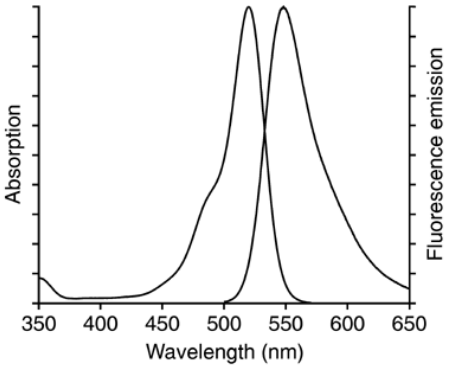
EDA-GTP-6-JOE

2'/3'-O-(2-Aminoethyl-carbamoyl)-guanosine-5'-triphosphate, labeled with 6-JOE, Triethylammonium salt

Cat. No.	Amount
NU-820-JOE	160 µl (1 mM)



Structural formula of EDA-GTP-6-JOE



excitation and emission spectrum of 6-JOE

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: $C_{36}H_{34}Cl_2N_7O_{23}P_3$ (free acid)

Molecular Weight: 1096.52 g/mol (free acid)

Exact Mass: 1095.03 g/mol (free acid)

Purity: ≥ 95 % (HPLC)

Form: solution in water

Color: orange

Concentration: 1.0 mM - 1.1 mM

pH: 7.5 ±0.5

Spectroscopic Properties: λ_{exc} 520 nm, λ_{em} 548 nm, ε 75.0 L $mmol^{-1}$ cm^{-1} (Tris-HCl pH 7.5)