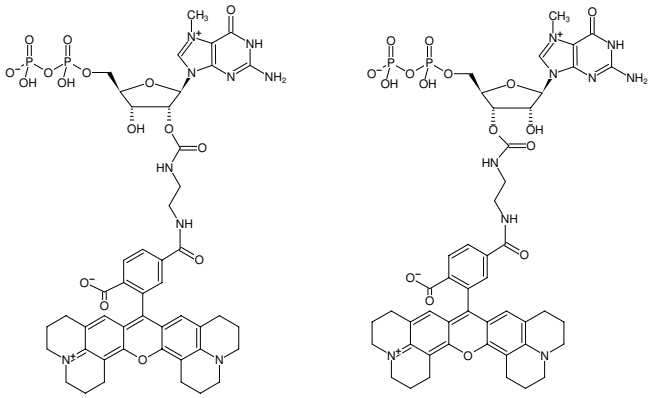
DATA SHEET

Jena Bioscience

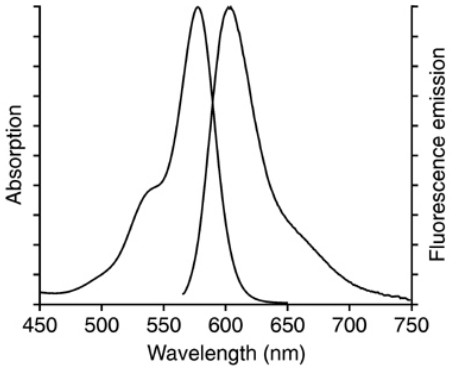
EDA-m^{7}GDP-6-ROX

2'/3'-O-(2-Aminoethyl-carbamoyl)-7-methyl-guanosine-5'-diphosphate, labeled with 6-ROX

Cat. No.	Amount
NU-827-ROX	160 µl (1 mM)



Structural formula of EDA-m^{7}GDP-6-ROX



excitation and emission spectrum of 6-ROX

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: $C_{47}H_{51}N_9O_{16}P_2$ (free acid)

Molecular Weight: 1059.92 g/mol (free acid)

Purity: ≥ 95 % (HPLC)

Form: solution in water

Color: red-violet

Concentration: 1.0 mM - 1.1 mM

pH: 7.5 ±0.5

Spectroscopic Properties: λ_{exc} 575 nm, λ_{em} 600 nm, ε 82.0 L mmol^{-1} cm^{-1} (Tris-HCl pH 7.5)