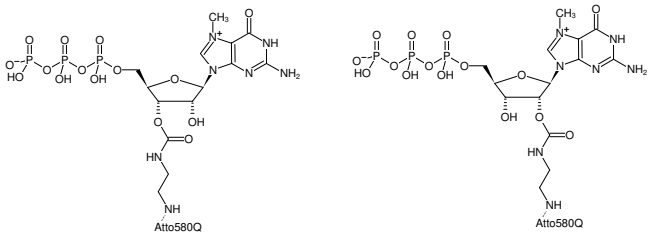
DATA SHEET

Jena Bioscience

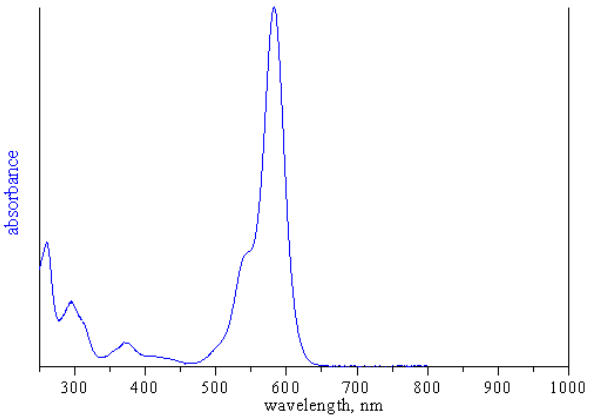
# EDA-m$^7$GTP-ATTO-580Q

2'/3'-O-(2-Aminoethyl-carbamoyl)-7-methyl-guanosine-5'-triphosphate, labeled with ATTO 580Q, Triethylammonium salt

| Cat. No. | Amount |
|---|---|
| NU-824-580Q | 40 µl (1 mM) |




Structural formula of EDA-m$^7$GTP-ATTO-580Q




absorption spectrum of ATTO 580Q

**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:** $C_{14}H_{24}N_7O_{15}P_3$ - ATTO 580Q (free acid)

**Molecular Weight:** 1299.30 g/mol (free acid)

**Purity:** ≥ 95 % (HPLC)

**Form:** solution in water

**Color:** blue

**Concentration:** 1.0 mM - 1.1 mM

**pH:** 7.5 ±0.5

**Spectroscopic Properties:** $\lambda_{exc}$ 587 nm, ε 110.0 L mmol$^{-1}$ cm$^{-1}$ (Tris-HCl pH 7.5)