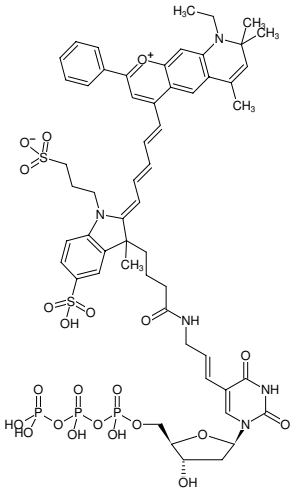
DATA SHEET

Jena Bioscience

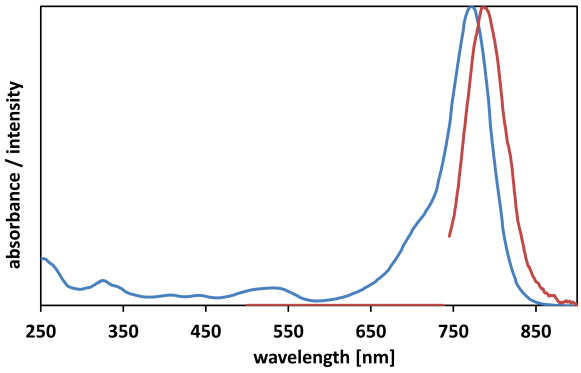
# Aminoallyl-dUTP-DY-776

5-(3-Aminoallyl)-2'-deoxyuridine-5'-triphosphate, labeled with DY 776, Triethylammonium salt

| Cat. No. | Amount |
|---|---|
| NU-803-776 | 80 µl (0.5 mM) |



Structural formula of Aminoallyl-dUTP-DY-776




excitation and emission spectrum of DY 776

**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:** $C_{56}H_{67}N_5O_{22}P_3S_2$ (free acid)

**Molecular Weight:** 1318.20 g/mol (free acid)

**Exact Mass:** 1317.29 g/mol (free acid)

**Purity:** ≥ 95 % (HPLC)

**Form:** solution in water

**Color:** dark blue

**Concentration:** 0.50 mM - 0.55 mM

**pH:** 7.5 ±0.5

**Spectroscopic Properties:** $\lambda_{exc}$ 771 nm, $\lambda_{em}$ 793 nm, ε 240.0 L mmol$^{-1}$ cm$^{-1}$ (Tris-HCl pH 7.5)