Data sheet

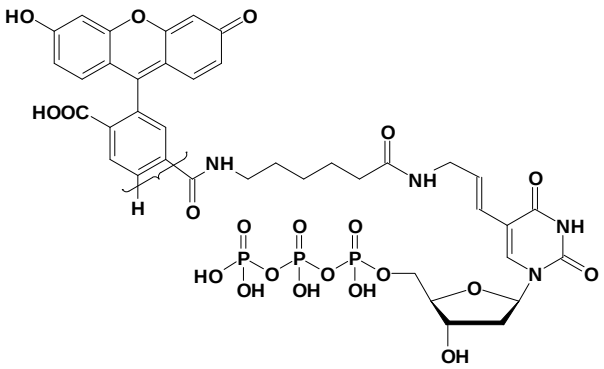
IFTA AG
Certified QMS according to
DIN EN ISO 9001
Reg. No. IC 03214 034

Jena Bioscience

Fluorescein-12-dUTP

5/6-Fluorescein-X-5-Aminoallyl-2′-deoxy-uridine-5′-triphosphate, Triethylammonium salt

Cat. No.	Amount
NU-803-FAMX	30 µl / 1 mM



Cat. No.: NU-803-FAMX

Molecular Formula: $C_{39}H_{41}N_4O_{21}P_3$ (free acid)

Molecular Weight: 994.69 (free acid)

Purity: > 95%, clear aqueous solution, pH 7.5

Spectroscopic properties:
λ_{exc} 495 nm; λ_{em} 520 nm; ϵ 70,000 cm^{-1} M^{-1}

Storage conditions:
Short term exposure (up to 1 week cumulative) to ambient temperature possible. Long term storage at < -20°C. If stored as recommended, Jena Bioscience guarantees optimal performance of this product for 12 months after date of delivery.

For research use only!

Applications:

SNP Detection[1]

FRET[1]

Primer Extension[1]

PCR Incorporation[2]

Selected References:

[1] Takatsu *et al.* (2004) A new approach to SNP genotyping with fluorescently labeled mononucleotides. *Nucleic Acids Res.* **32 (7)**:e60.

[2] Kreuzinger *et al.* (1996) Identification of some ectomyocorrhizal basidiomycetes by PCR amplification of their gdp (glyceraldehyd-3-phosphate dehydrogenase) genes. *Appl Environ Microbiol.* **62 (9)**:3432.