

Email: support@lifescct.com
Tel: +1-301-890-6420 Fax: +1-240-252-7376
9610 Medical Center Drive, Rockville, MD 20850

Introduction

5-FAM-X-dUTP is supplied as 1 mM solution in TE buffer. The nucleotide is designed for enzymatic non-radioactive labeling of DNA by PCR, nick-translation, cDNA synthesis, random primed labeling, or primer extension. 5-FAM-X-dUTP can be enzymatically incorporated into DNA with Reverse Transcriptases, Taq DNA Polymerase, phi29 DNA Polymerase, Klenow Fragment, exo-, Klenow Fragment, and DNA Polymerase I. The X linker between FAM and dUTP can improve the incorporation efficiency.

Package Information

Components	M0076
5-FAM-X-dUTP	25 μ l

Storage

Store at -20°C and protect from light.

Specifications

Excitation/Emission (nm): 495/518 nm

Concentration: 1 mM in TE buffer

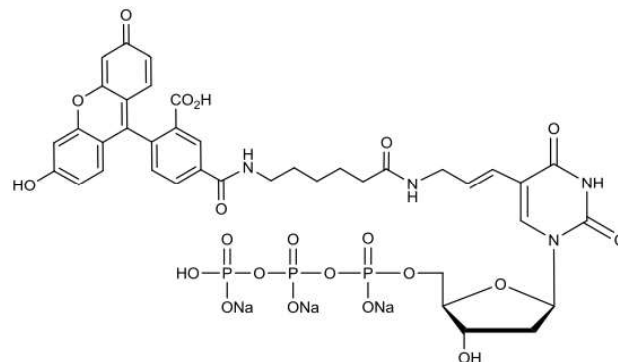
Molecular Formula: $C_{39}H_{38}N_4Na_3O_{21}P_3$

Molecular Weight: 1060.62

5-FAM-X-dUTP

Cat. #: M0076 Size: 25 μ l

General Characteristics



λ_{max} =495 nm, ϵ =70.0 $\times 10^3$ M⁻¹cm⁻¹ (pH 8.0)