

Biotin-11-dUTP (1 mM, Nuclease free)

B744151

Storage: -20°C.

Introduction:

To label DNA with biotin, Biotin-11-dUTP can replace dTTP in most cases as a substrate for various DNA synthesis enzymes, modifying enzymes, and polymerases. Biotin-labeled DNA probes can substitute for radioactive labeled DNA probes in many applications including in situ hybridization and chromosome localization. Biotin-labeled probes can be detected using methods based on the strong binding of biotin to avidin, such as direct detection of labeled DNA using fluorescently labeled avidin or indirect detection of labeled DNA using avidin conjugated with HRP, alkaline phosphatase, or antibodies.

Precautions:

1. This product is for R&D only. Not for drug, household, or other uses.
2. For your safety and health, please wear a lab coat and disposable gloves during the operation.