

Biotin-dT Phosphoramidite

Catalog number: 6220, 6221
Unit size: 50 umoles, 100 umoles

Product Details

Storage Conditions	Freeze (<-15 °C), Minimize light exposure
Expiration Date	6 months upon receiving

Chemical Properties

Appearance	Solid
Molecular Weight	1285.55
Soluble In	MeCN

Applications

Biotin-dT phosphoramidite contains a DMT group to allow quantification of coupling. It can be inserted into a target sequence as a replacement for a dT residue. It provides a valuable tool to add the biotin tag to a desired location of an oligo sequence. It is complimentary to the commonly used biotin phosphoramidite that contains no DMT group and can only be added at the 5'-terminus, thus terminating synthesis. The DMT group on biotin-dT phosphoramidite can be used in RP cartridge and HPLC purification techniques. AAT Bioquest also offer FAM-dT phosphoramidite, HEX-dT phosphoramidite, TET-dT phosphoramidite, biotin-dT CPG and Fluorescein-dT CPG.