

5'-DABCYL C6 phosphoramidite

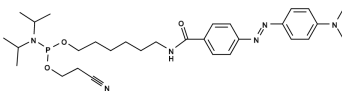
Catalog number: 6009

Unit size: 1 g

Product Details

Storage Conditions	Freeze (<-15 °C), Minimize light exposure
Expiration Date	24 months upon receiving

Chemical Properties

Appearance	Solid
Molecular Weight	568.69
Soluble In	MeCN
Chemical Structure	

Spectral Properties

Excitation Wavelength	454 nm
Emission Wavelength	nm

Applications

DABCYL is one of the most commonly used dark quenchers for labeling oligos and peptides. The resulted conjugates are widely used as diagnostic probes such as Molecular Beacons and protease substrates. Because of its relative stability, DABCYL can be easily introduced at many positions within a Molecular Beacon during synthesis: at the 5'-end using 5'- DABCYL-phosphoramidite, at the 3'-end using 3'- DABCYL CPGs. The resulted oligo can be deprotected in the usual way. AAT Bioquest offers the most complete set of DABCYL derivatives for preparing FRET peptides and oligos.