



## **Cmoc deprotection chemistry**

The acid lability of the Cmoc group allows the choice between on-column deprotection, and off column deprotection. Being more lipophilic than a traditional DMT group, the Cmoc protecting group does a superb job in facilitating SPE purification of full length oligos. If you like the DMT-on purification strategy, you will similarly like the Cmoc-on purification strategy.

**Use:** For oligonucleotide synthesis, employ acetonitrile diluent at the concentration recommended by the synthesizer manufacturer. Use standard coupling protocols; in our hands, extended coupling times were not required and coupling efficiencies of 99% could be obtained. Cleavage from the solid support may be carried out by standard procedures. Standard nucleobase deprotection conditions may be employed.