



contain the DMT group, allowing for quantitative coupling.

## Usage

**Coupling:** A coupling time of 15 minutes is recommended.

**Deprotection:** Use ammonium hydroxide and deprotect according to the requirements of the nuclease. When using AMA, a small amount of non-fluorescent impurity will be formed.

To eliminate this impurity, first deprotect with aqueous ammonia at room temperature for 3 minutes, add an equal volume of 40% methylamine, and then complete the deprotection according to the requirements of the nucleobase—for example, for standard bases 10 minutes at 65° C or 2 hours at room temperature is required.

## Product Nature

Molecular formula: C<sub>68</sub>H<sub>78</sub>N<sub>3</sub>O<sub>13</sub>P

Molecular weight: 1176.35

F. M. : 56.48

## Transportation and storage

Transport conditions: Cold

Storage conditions: Max 2–8° C, dry

