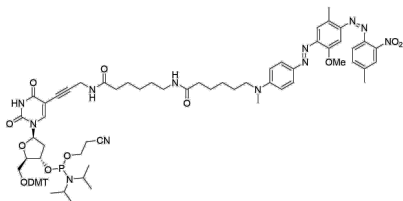


## DusQ 1 dT phosphoramidite

<http://www.lumiprobe.com/p/bhq1-du-phosphoramidite>



### Structure of DusQ1 dT phosphoramidite

#### General properties

Appearance:	black powder
Molecular weight:	1411.58
Molecular formula:	$C_{76}H_{91}N_{12}O_{13}P$
Quality control:	NMR $^1H$ , $^{31}P$ , HPLC-MS (95%)
Storage conditions:	Storage: 12 months after receipt at $-20^{\circ}C$ in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. Desiccate.

#### Oligo synthesis details

Coupling conditions:	6 min coupling time; 3 min oxidation time
Cleavage conditions:	ammonia, 2 h at room temperature
Deprotection conditions:	identical to protected nucleobases