

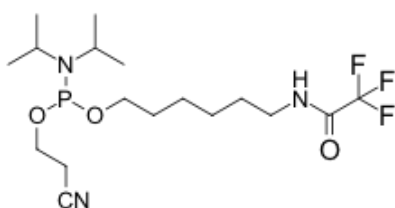
TFA-aminolinker C6 phosphoramidite

<http://www.lumiprobe.com/p/tfa-aminolink-phosphoramidite>

This product will be discontinued soon in favor of [DMS\(O\)MT aminolink C6](#). We may still have some material in stock (please see availability above).

N-trifluoroacetyl (TFA) protected aminolink C6 phosphoramidite for the synthesis of 5'-amino-modified oligonucleotides. TFA protection is smoothly removed during ammonia deprotection, and does not require any additional steps. If necessary, the resulting oligonucleotides can be purified by ion exchange chromatography, or gel electrophoresis.

5'-terminal amino modified oligos are used for the production of DNA arrays, and for subsequent 5'-terminal modification with NHS esters.



Structure of TFA aminolink C6 phosphoramidite

General properties

Appearance:	colorless to yellowish liquid
Molecular weight:	413.42
CAS number:	133975-85-6
Molecular formula:	C ₁₇ H ₃₁ N ₃ F ₃ O ₃ P
Solubility:	good in acetonitrile, THF, DCM
Quality control:	NMR ¹ H, NMR ³¹ P, functional testing
Storage conditions:	Storage: 12 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

Oligo synthesis details

Diluent:	acetonitrile
Coupling conditions:	standard coupling, identical to normal nucleobases
Deprotection conditions:	identical to protected nucleobases