

Supporting Information

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Pyrrolo-dC Oligonucleotides Bearing Alkynyl Side Chains with Terminal Triple Bonds: Synthesis, Base Pairing and Fluorescent Dye Conjugates Prepared by the Azide–Alkyne “Click” Reaction

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Table 5 Molecular masses $[M+H]^+$ of oligonucleotides measured by MALDI-TOF mass spectrometry.

Duplex	$[M+H]^+$ (calc)	$[M+H]^+$ (found)
5'-d(TAG GTC AAT ACT) (14)	3645.4	3645.0
5'-d(AGT ATT GAC CTA) (15)	3645.4	3645.1
5'-d(TAG GT 3 AAT ACT) (16)	3751.0	3751.4
5'-d(TAG GT 2f AAT ACT) (17)	3747.0	3747.5
5'-d(TAG GT 2d AAT ACT) (18)	3680.7	3680.6
5'-d(TAG GT 31 AAT ACT) (21)	3952.7	3952.4
5'-d(AGT ATT GA 3 3 TA) (22)	3851.8	3851.6
5'-d(AGT ATT GA 2f 2f TA) (24)	3859.8	3859.9
5'-d(AGT ATC GAC CTA) (25)	3628.7	3628.9
5'-d(AGT AT 3 GAC CTA) (26)	3734.5	3734.1
5'-d(TAG GTC T AT ACT) (27)	3635.4	3635.1
5'-d(TAG GTC G AT ACT) (28)	3659.7	3660.1
5'-d(TAG GTC C AT ACT) (29)	3619.7	3620.2