2LEE

Sequence (5’ to 3’)  $\epsilon_{260\text{nm}} (M^{-1} cm^{-1})$  DOI
TAGGGCGGGAGGGAGGGAA  202800  10.1021/ja208483v

Structure diagram of 2LEE

Legend
- strand direction (5’ to 3’)
- nucleotide number (5’ to 3’)
- 5’ end

- loop
- syn
- anti
- ligand
- adenine
- cytosine
- G-quartet guanine
- not-G-quartet guanine
- thymine
Circular dichroism spectra of the 2LEE oligonucleotide (10 µM), acquired at 25°C in 0.4-cm path-length cuvettes.

$\Delta \varepsilon \text{ (M}^{-1} \text{cm}^{-1})$

Wavelength (nm)

- 100 mM TMAA (pH 7.0)
- 20 mM Kp (pH 6.5) + 100 mM KCl
- 100 mM TMAA (pH 7.0) + 1 mM KCl

$^1$H-NMR spectrum of the 2LEE oligonucleotide, acquired at 25°C in 100 mM TMAA (pH 7.0) + 1 mM KCl.
Folded fraction of the 2LEE oligonucleotide as a function of temperature, determined by UV-melting ($\lambda = 295$ nm)
Native ESI-MS spectra of the 2LEE oligonucleotide (10 µM)

Native ESI-MS spectra of the 2LEE oligonucleotide (10 µM), focused on the 5^- charge state