2M27

Sequence (5’ to 3’)

CGGGCGGGCCTTGGCGGGT

$\varepsilon_{260nm} \left( M^{-1} cm^{-1} \right)$

200400

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Structure diagram of 2M27
Circular dichroism spectra of the 2M27 oligonucleotide (10 µM), acquired at 25°C in 0.4-cm path-length cuvettes

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

Wavelength (nm)

- 100 mM TMAA (pH 7.0)
- 20 mM Kp (pH 7.0) + 70 mM KCl
- 100 mM TMAA (pH 7.0) + 1 mM KCl

$^1$H-NMR spectrum of the 2M27 oligonucleotide, acquired at 25°C in 100 mM TMAA (pH 7.0) + 1 mM KCl

$^1$H Chemical shift (ppm)
Folded fraction of the 2M27 oligonucleotide as a function of temperature, determined by UV-melting ($\lambda = 295$ nm)
Native ESI-MS spectra of the 2M27 oligonucleotide (10 µM)

Native ESI-MS spectra of the 2M27 oligonucleotide (10 µM), focused on the 5− charge state