Solid-state $^{87}$Rb NMR signatures for rubidium cations bound to a G-quadruplex

By

Ramsey Ida and Gang Wu*

Department of Chemistry, Queen’s University
Kingston, Ontario, Canada K7L 3N6
Fax: 613 533 2644
E-mail: gangwu@chem.queensu.ca

(1) X-ray powder diffraction data
(2) $^{13}$C CP/MAS NMR spectra
(3) $^{23}$Na MAS NMR spectra for G1 and G2 samples
X-ray powder diffraction data

$G_1$

$G_2$

$d = 3.29 \, \text{Å}$

(100)

(110)

CsCl

(111) (200) (210)

$d = 3.29 \, \text{Å}$

(211)
$^{13}$C CP/MAS NMR spectra (w TPPM) at 11.75 T

$^{23}$Na MAS NMR spectra at 11.75 T