Table 3. NMR Chemical Shifts of the Capsular Polysaccharide of *Vibrio vulnificus* ATCC 27562[a]

Resonance	Residue				
	α-MurNAc	α-GalA	β-Rha	β-GlcNAc	Ser
	a	**b**	**c**	**d**	**s**
H1	5.29	5.19	4.84	4.45	
	(3.8)[b]	(3.1)[b]	(< 2.0)[b]	(8.3)[b]	
H2	3.62	3.79	4.02	3.67	
[d]H2′	4.59				
H3	3.73	3.88	3.61	3.96	
[d]H3′	1.41				
H4	3.69	4.21	3.49	3.57	
H5	3.96	4.73	3.49	3.36	
H6	3.79		1.38	3.68	
H_α					4.40
H_β					3.99
H'_β					3.92
H_N					7.87
NAc:					
H_N	10.03			7.78	
H_{Me}	2.12			2.02	
C1	98.80	100.60	101.51	102.80	
	(175.30)[c]	(175.30)[c]	(161.73)[c]	(162.77)[c]	
[d]C1′	181.07				
C2	55.28	68.21	71.89	56.98	
[d]C2′	79.46				
C3	77.22	80.24	72.45	73.40	
[d]C3′	19.40				
C4	71.66	77.44	80.98	78.36	
C5	73.32	72.44	72.35	75.22	
C6	60.89	171.20	17.64	62.76	
C_α					57.14
C_β					62.93
NAc:					
C_{Me}	23.59			23.48	
C_{CO}	174.95			174.80	

[a] All chemical shifts in ppm; coupling constants in Hz.
Chemical shifts are with reference to internal acetone (^1H 2.225 ppm; ^{13}C 31.07 ppm).

[b] Homonuclear vicinal coupling constants $^3J_{H1H2}$.

[c] Heteronuclear one bond coupling constants $^1J_{C1H1}$.

[d] All lactyl resonances of MurNAc are labelled prime:
1′ carboxylate; 2′ linkage point; 3′ methyl.