

SUPPORTING INFORMATION

Table S1. Chemical shifts δ_{obs} (ppm) for various protons of C₁₂IPS-Nsa, C₁₄IPS-Nsa, C₁₂IPS-Bsa, and SB-12-Nsa in D₂O as a function of concentration

$\delta_{\text{obs}} / \text{C}_{12}\text{IPS-Nsa}$

C/mM	C-1	C-2	C-4	C-5	C-6	C-7	C-8
0.1	7.9782	8.0063	4.1109	1.8064	1.1708	0.7409	4.2824
0.5	7.9348	7.9732	4.0812	1.7784	1.1666	0.7504	4.2783
1.0	7.9129	7.9661	4.0689	1.7445	1.1572	0.7586	4.2733
2.5	7.8666	7.9534	4.0139	1.6190	1.1449	0.7734	4.2797
5.0	7.7721	7.9111	3.9412	1.5187	1.1001	0.7899	4.2641
10.0	7.7623	7.8492	3.9185	1.4511	1.0529	0.8028	4.2447
C/mM	C-9	C-10	C-11	C-13,16	C-14,15	C-17	
0.1	2.2604	2.8455	7.7804	7.7504	7.4305	8.3002	
0.5	2.2435	2.8438	7.7755	7.7469	7.4250	8.2973	
1.0	2.2252	2.8365	7.7703	7.7415	7.4145	8.2881	
2.5	2.1840	2.8293	7.7719	7.7430	7.3601	8.2825	
5.0	2.1662	2.8006	7.7721	7.7434	7.3111	8.2649	
10.0	2.1507	2.7928	7.7577	7.7289	7.2726	8.2488	

$$\delta_{\text{obs}} / C_{14}\text{IPS-Nsa}$$

C/mM	C-1	C-2	C-4	C-5	C-6	C-7	C-8
0.1	7.9614	7.9917	4.0951	1.7537	1.2013	0.7509	4.3196
0.5	7.9560	7.9843	4.0791	1.6838	1.1132	0.7682	4.3153
1.0	7.9360	7.9663	4.0488	1.6435	1.0861	0.7748	4.3106
2.5	9.7931	7.9415	4.0024	1.5802	1.0822	0.7871	4.2973
5.0	7.8860	7.9173	3.9606	1.5296	1.0771	0.7984	4.2814
10.0	7.8485	7.8777	3.8999	1.4518	1.0503	0.8208	4.2603
C/mM	C-9	C-10	C-11	C-12	C-13,16	C-14,15	C-17
0.1	2.2350	2.8075	8.3065	7.7729	7.5981	7.5692	8.3065
0.5	2.2268	2.7934	8.3005	7.7877	7.5887	7.5322	8.3005
1.0	2.2176	2.7838	8.2925	7.7809	7.5676	7.5304	8.2925
2.5	2.2055	2.7770	8.2830	7.7777	7.5414	7.5093	8.2830
5.0	2.1934	2.7717	8.2709	7.7766	7.5108	5.4915	8.2709
10.0	2.1804	2.7699	8.2553	7.7697	7.4672	7.4359	8.2553

$$\delta_{\text{obs}} / C_{12}\text{IPS-Bsa}$$

C/mM	C-7	C-6	C-5	C-9	C-10	C-4	C-8	C-1
0.5	0.7607	1.1696	1.7844	2.2362	2.8196	4.1121	4.2780	7.7358
0.75	0.7639	1.1624	1.7832	1.2445	2.8169	4.1040	4.2777	7.7367
1.0	0.7553	1.1600	1.7712	2.2268	2.8154	4.1143	4.2869	7.7352
2.5	0.7462	2.1580	1.7653	2.2337	2.8043	4.1186	4.2918	7.7417
5.0	0.7385	1.1444	1.7453	2.2341	2.7937	4.1194	4.3210	7.7394
7.5	0.7360	1.1385	1.7293	2.2273	2.7848	4.1148	4.3186	7.7400
10	0.7299	1.1303	1.7136	2.2255	2.7817	4.1042	4.3187	7.7418
C/mM	C-2	C-15,11	C-12,13,14					
0.5	7.7169	7.5130	7.7298					
0.75	7.7178	7.5143	7.4305					
1.0	7.7166	7.5193	7.4354					
2.5	7.7229	7.5235	7.4427					
5.0	7.7201	7.5354	7.4424					
7.5	7.7206	7.5448	7.4409					
10	7.7217	7.5473	7.4384					

$\delta_{\text{obs}} / \text{SB-12-Nsa}$

C/mM	C-7	C-6	C-5	C-9	C-10	C-1	C-4
0.5	0.7661	1.1851	1.6647	2.1174	2.8870	2.9918	3.2278
1.0	0.7530	1.1763	1.6663	2.1037	2.8739	2.9787	3.2047
2.5	0.7979	1.1727	1.5801	2.0851	2.8496	2.9566	3.1527
5.0	0.8350	1.0475	1.4823	2.0565	2.8311	2.9337	3.0753
10.0	0.8717	0.9542	1.4049	2.0469	2.8178	2.9018	2.9925
C/mM	C-8	C-14,15	C-12	C-11	C-17	C-13,16	
0.5	3.3597	7.5938	7.9224	8.0027	8.2951	7.7727	
1.0	3.3464	7.5792	7.9017	7.9890	8.2812	7.7669	
2.5	3.3121	7.5592	7.8878	7.9669	8.2772	7.7574	
5.0	3.3005	7.5377	7.8615	7.8716	8.2693	7.7436	
10.0	3.2697	7.4942	7.8276	7.8479	8.2576	7.7352	