

**Table S1** *K*<sub>a</sub> values of Congerin P, Con I, and Con II toward 22 PA-sugars determined by FAC analysis

PA-sugar No.	<i>K</i> <sub>a</sub> values (μM <sup>-1</sup> )		
	Con-P	Con I	Con II
2	4.77	2.78	0.43
3	5.60	4.10	0.69
4	4.93	2.75	0.44
9	1.60	1.97	0.21
10	3.47	2.41	0.38
13	0.77	0	0
21	0.48	0.81	0.08
22	0.48	0.73	0.07
23	0.16	0	0
41	1.14	1.04	0.11
42	3.33	3.27	0.4
43	0.91	2.87	0.4
27	0.03	0	0
31	0.08	0	0
38	0.02	0	0
40	0.50	0	0.013
49	0.42	ND	ND
16	0.40	ND	ND
17	0.10	ND	ND
18	1.38	ND	ND
20	0.37	ND	ND
59	0.56	ND	ND