"Table S1"

Table 1: Proton NMR Assignments of 1(pseudomycin B), 2a, 2d, 2e, 4a, 4d and 4e:

Positions	PSB 1	2a	4a	2d	4d	2e	4e
Residue 1							
α	4.59	4.60	4.59	4.68	4.68	4.69	4.68
β1	4.38	4.37	4.37	4.45	4.44	4.40	4.40
β2	4.53	4.58	4.58	4.49	4.48	4.59	4.59
Residue 2							
α	4.13	4.13	4.13	4.09	4.09	4.07	4.07
β1	2.01	2.01	2.00	1.83	1.82	1.82	1.80
β2	2.07	2.09	2.08	1.92	1.90	1.90	1.89
γ1	*2.90*	2.94	2.91	**3.10**	**3.10**	**3.12**	**3.10**
γ2	*2.97*	2.99	2.98	**3.15**	**3.15**	**3.18**	**3.15**
NH(C=O)O					**6.47**		
Residue 3							
α	4.55	4.53	4.53	4.52	4.52	4.50	4.50
β1	2.82	2.86	2.83	2.78	2.79	2.80	2.80
β2	2.87	2.88	2.87	2.84	2.84	2.87	2.87
Residue 4							
α	4.13	4.20	4.20	4.10	4.10	4.21	4.21
β1	1.75	1.78	1.75	1.75	1.72	1.73	1.72
β2	1.78	1.78	1.75	1.75	1.72	1.73	1.72
γ1	1.26	1.28	1.27	1.27	1.24	1.27	1.22
γ2	1.32	1.34	1.33	1.32	1.30	1.32	1.30
δ1	1.53	1.54	1.53	1.37	1.35	1.37	1.35
δ2	*1.56*	1.57	1.58	**1.43**	**1.39**	**1.42**	**1.42**
ε	*2.84*	2.86	2.85	**3.00**	**2.99**	**3.00**	**3.00**
NH(C=O)O					**6.36**		
Residue 5							
α	4.29	4.20	4.20	4.18	4.18	4.15	4.15
β1	1.99	1.82	1.80	2.00	1.98	1.79	1.77
β2	2.14	1.99	1.97	2.13	2.11	1.97	1.95
γ1	*2.89*	**3.03**	**3.00**	2.88	2.88	**3.00**	**2.98**
γ2	*2.91*	**3.10**	**3.09**	2.88	2.88	**3.11**	**3.09**
NH(C=O)O			**6.49**				
Residue 6							
α	4.27	4.30	4.29	4.29	4.28	4.31	4.30
β	3.92	3.93	3.93	3.92	3.91	3.94	3.93
γ	1.18	1.17	1.17	1.17	1.17	1.17	1.16
Residue 7							
β	6.53	6.57	6.56	6.49	6.48	6.56	6.55
γ	1.70	1.71	1.17	1.71	1.70	1.71	1.70
Residue 8							
α	4.96	4.93	4.93	4.96	4.96	4.92	4.92
β	4.75	4.74	4.74	4.76	4.76	4.74	4.74
Residue 9							
α	4.87	4.87	4.87	4.90	4.90	4.89	4.88
β	4.31	4.30	4.30	4.30	4.30	4.28	4.28
γ1	3.44	3.43	3.43	3.42	3.42	3.40	3.40
γ2	3.50	3.51	3.50	3.50	3.50	3.49	3.48
Side Chain	2.25	2.25	2.25	2.18	2.17	2.21	2.21
2α	2.36	2.36	2.36	2.30	2.30	2.31	2.30
2β	3.86	3.88	3.87	3.85	3.83	3.84	3.82
3	1.38	1.37	1.35	1.37	1.34	1.31	1.29
4	~1.22	~1.22	~1.21	~1.22	~1.21	~1.22	~1.21
5-13 or 15	0.83	0.83	0.82	0.83	0.82	0.83	0.82
Linker(s) CH_2, CH_3	--	2.08, 4.77	2.08, 4.77	2.08, 4.77	2.08, 4.77	2.08, 4.77	2.08, 4.77

"Table S2"

Table 3: Chemical Purity and Molecular Weights of Pseudomycin Prodrugs

Compound	*Chemical Purity (HPLC)*	*Molecular Formula*	*Mass (expected)*	*Mass (observed)*
2a	>95%	$C_{57}H_{91}ClN_{12}O_{24}$	1363.9	1363.8
2d	>95%	$C_{63}H_{95}ClN_{12}O_{29}$	1520.0	1519.7
2e	>95%	$C_{69}H_{99}ClN_{12}O_{34}$	1676.1	1675.7
4a	>95%	$C_{59}H_{95}ClN_{12}O_{24}$	1391.9	1392.0
4d	>95%	$C_{65}H_{99}ClN_{12}O_{29}$	1548.0	1547.9
4e	>95%	$C_{71}H_{103}ClN_{12}O_{34}$	1704.1	1704.0