

Supplementary Table. 1 ¹H NMR chemical shift of PS-Mal-PEG_{2K}-ETB-PEG_{2K}-Mal-PS

Position	Chemical shift (δ, ppm)	Ingredient
1	—	Ezetimibe
2	—	
3	3.08~3.12	
4	4.86	
5	—	
6,6'	7.21~7.22	
7,7'	6.68	
8	—	
9	—	
10	—	
11,11'	7.23~7.26	
12,12'	7.01~7.14	
13	—	
14	1.85~1.94	
15		
16	4.54	
17	—	
18,18'	7.21~7.23	
19,19'	7.01~7.14	
20	—	
21	—	
22	3.6~3.64	PEG
-NH ₂	6.89~6.99	PS
⁺ NH ₃ -		
Ar		
CH ₃ -	1.24~1.34	—
-CH ₂ -	0.85	