

Supplementary Data (S1–S9)

S1. ^1H , ^{13}C , CD, and ESIMS data of (2*R*,3*S*)-catechin (**1**)

Position	$\delta_{\text{H}}^{\text{a}}$ (multiplicity, $J = \text{Hz}$)	$\delta_{\text{C}}^{\text{a}}$	CD ^b	ESIMS m/z	Reference
2	4.57 (<i>d</i> , 7.4)	82.8	$[\theta]_{248} = 1335$,	290.1	[16–18]
3	3.98 (<i>ddd</i> , 5.6, 7.4, 8.2)	68.8	$[\theta]_{278} = -9209$		
4	2.84 (<i>dd</i> , 5.6, 16.1) 2.51 (<i>dd</i> , 8.2, 16.1)	28.5			
5	–	156.9			
6	5.94 (<i>d</i> , 1.6)	96.3			
7	–	157.6			
8	5.86 (<i>d</i> , 1.6)	95.5			
9	–	157.8			
10	–	100.9			
1'	–	132.2			
2'	6.84 (<i>s</i>)	115.3			
3'	–	146.2			
4'	–	146.2			
5'	6.72 (<i>d</i> , 8.0)	116.1			
6'	6.77 (<i>d</i> , 8.0)	120.5			

^aMeasured in CD₃OD at 400 MHz. ^bMeasured in CH₃OH.