Supporting Information

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Isolation, Characterization and Antioxidant, Tyrosinase Inhibitory Activities of Constituents from the Flowers of *Cercis* glabra 'Spring-1'

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Figure S1: Isolation procedures of compounds 1–12



Elemental Composition Report

Single Mass Analysis Tolerance = 5.0 PPM / DBE: min = -1.5, max = 50.0 Element prediction: Off Number of isotope peaks used for i-FIT = 3

Monoisotopic Mass, Even Electron Ions 70 formula(e) evaluated with 1 results within limits (up to 50 closest results for each mass) Elements Used:

C: 26-26 H: 0-100 N: 0-2 O: 0-11 Na: 0-1 1 45 (0.427) QT (4) 1: TOF MS ES+

																			1	00e+003		
443.														.3730								
100 75.0	375												156.228		- / -							
75	100	125	15	0 1	75	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600
Minimum: Maximum:				20.0	5	.0	$^{-1.5}_{50.0}$															
Mass	Ca	lc. Ma	SS	mDa	Р	PM	DBE	i-FI1	Ne	orm	Conf(%)	Formu	la									
443. 3730	44	3.3736		-0.6		1.4	1.5	24.5	n,	′a	n/a	С26 Н	51 05									

Figure S2: HR-ESI-MS spectrum of 1

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Figure S3: IR spectrum of 1



Figure S4: UV spectrum of 1 in CHCl₃



Figure S5: ¹H NMR spectrum (400 MHz) of 1 in CDCl₃



Figure S6: ¹³C NMR spectrum (100 MHz) of 1 in CDCl₃



Figure S7: DEPT 135 spectrum of 1 in CDCl₃



Figure S8: HSQC spectrum of 1 in CDCl₃



Figure S9: ¹H-¹H COSY spectrum of 1 in CDCl₃



Figure S10: HMBC spectrum of 1 in CDCl₃



Figure S11: NOESY spectrum of 1 in CDCl₃



Figure S12: ¹H NMR spectrum (400 MHz) of 1a in CDCl₃



Figure S13: ¹³C NMR spectrum (100 MHz) of 1a in CDCl₃



Figure S14: ¹H NMR spectrum (400 MHz) of 2 in DMSO-d₆



Figure S15: ¹H NMR spectrum (400 MHz) of 3 in DMSO-*d*₆

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Figure S16: ¹H NMR spectrum (400 MHz) of 4 in DMSO- d_6



Figure S17: ¹H NMR spectrum (400 MHz) of 5 in DMSO-*d*₆



Figure S18: ¹H NMR spectrum (400 MHz) of 6 in CD₃OD



Figure S19: ¹H NMR spectrum (400 MHz) of 7 in DMSO-*d*₆



Figure S20: ¹H NMR spectrum (400 MHz) of 8 in DMSO- d_6



Figure S21: ¹H NMR spectrum (400 MHz) of 9 in DMSO- d_6





Figure S22: ¹H NMR spectrum (400 MHz) of 10 in DMSO-d₆



Figure S23: ¹H NMR spectrum (400 MHz) of 11 in CDCl₃



Figure S24: ¹H NMR spectrum (400 MHz) of 12 in Pyr- d_5