

Supplementary Materials

5-Demethoxy-10'-ethoxyexotimarin F, a New Coumarin with MAO-B Inhibitory Potential from *Murraya exotica* L.

Zhen-Ru Xia-Hou ^{1,†}, Xiao-Fei Feng ^{2,†}, Yu-Fei Mei ¹, Yin-Yan Zhang ¹, Tong Yang ¹, Jie Pan ¹, Jing-Hua Yang ^{1,*} and Yun-Song Wang ^{1,*}

¹ Key Laboratory of Medicinal Chemistry for Natural Resource, Ministry of Education, Yunnan Provincial Center for Research & Development of Natural Products, School of Chemical Science and Technology, Yunnan University, Kunming 650091, China; xhxr546552125@163.com (Z.-R.X.-H.); ynu2012@163.com (Y.-F.M.); zyy20220730@163.com (Y.-Y.Z.); yangtongkm@163.com (T.Y.); panjie8668@163.com (J.P.)

² Faculty of Life Science, Southwest Forestry University, Kunming 650224, China; xiaofei@swfu.edu.cn (X.-F.F.)

* Correspondence: yangjh@ynu.edu.cn (J.-H.Y.); wangys@ynu.edu.cn (Y.-S.W.)

† These authors contributed equally to this work.

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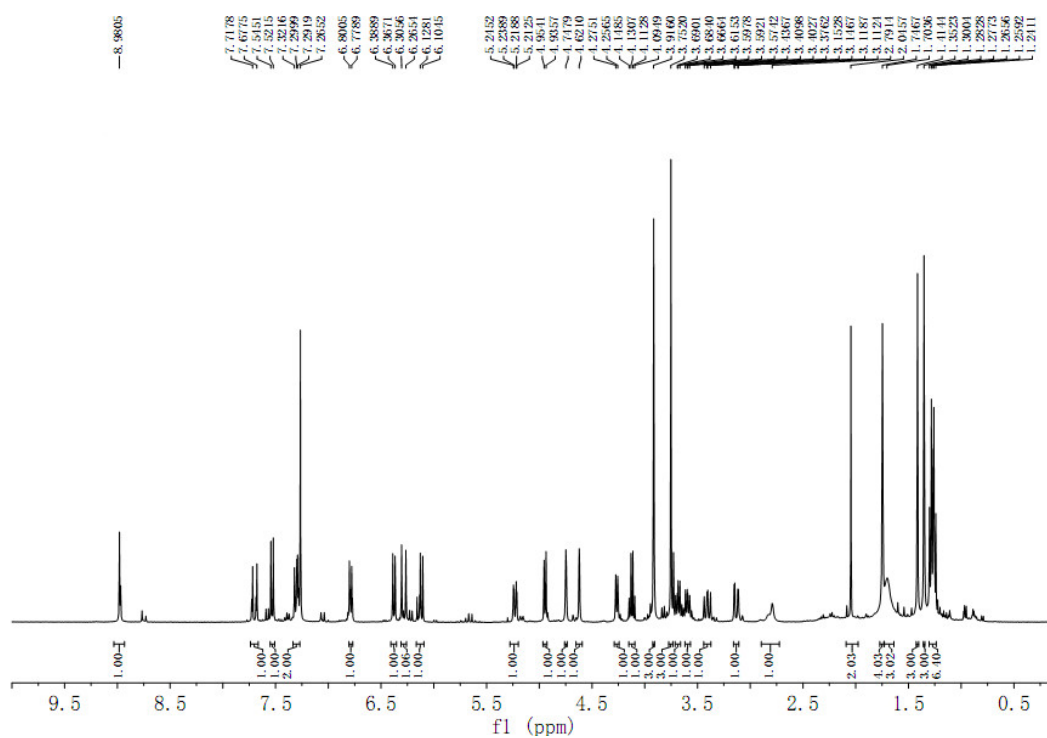
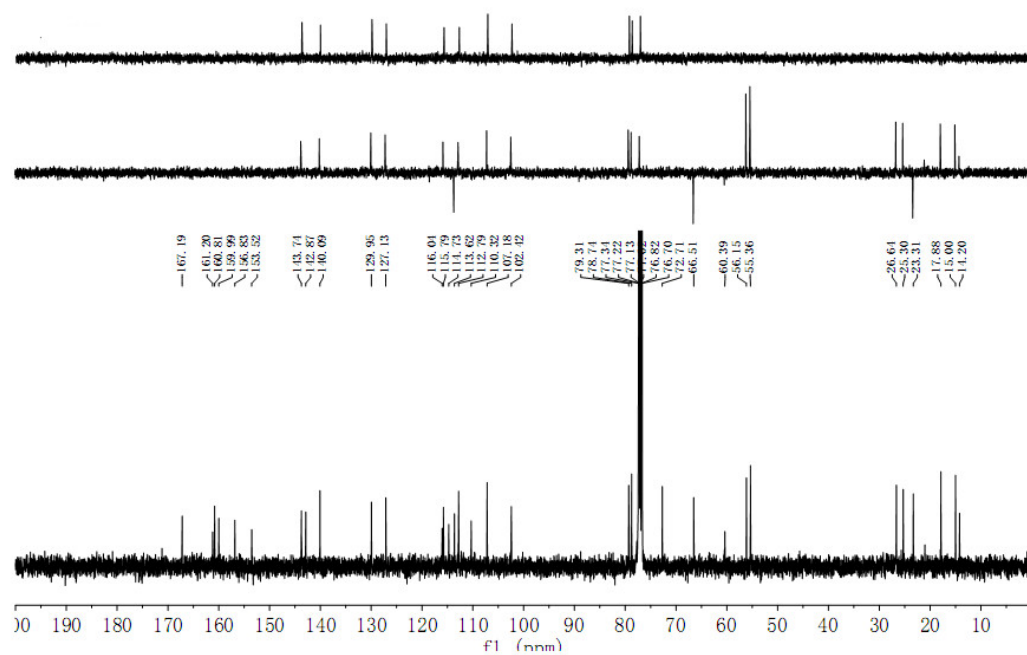
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Figure S1. ^1H NMR spectrum of **1** in CDCl_3 Figure S2. ^{13}C NMR and DEPT spectra of **1** in CDCl_3

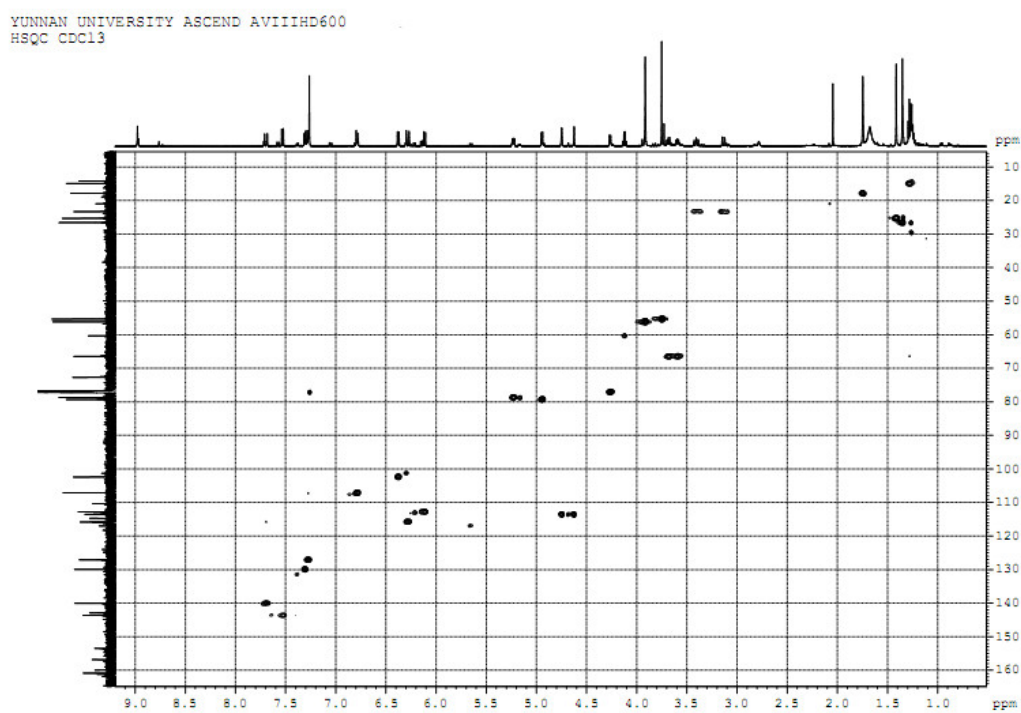


Figure S3. HSQC spectrum of **1** in CDCl₃

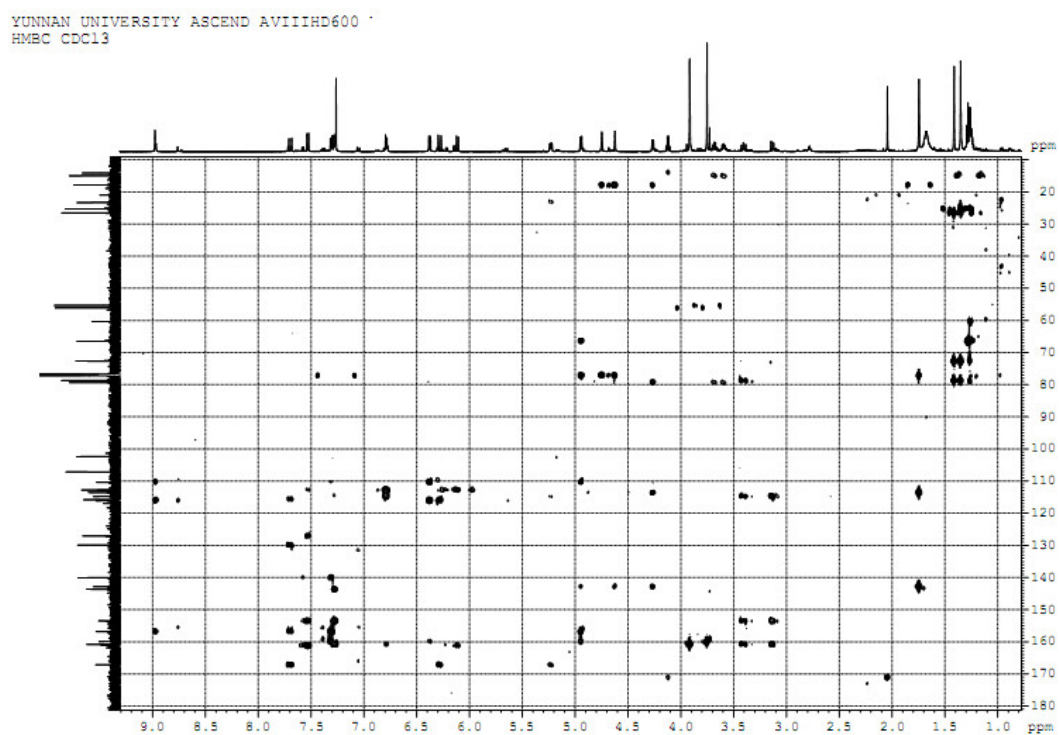


Figure S4. HMBC spectrum of **1** in CDCl₃

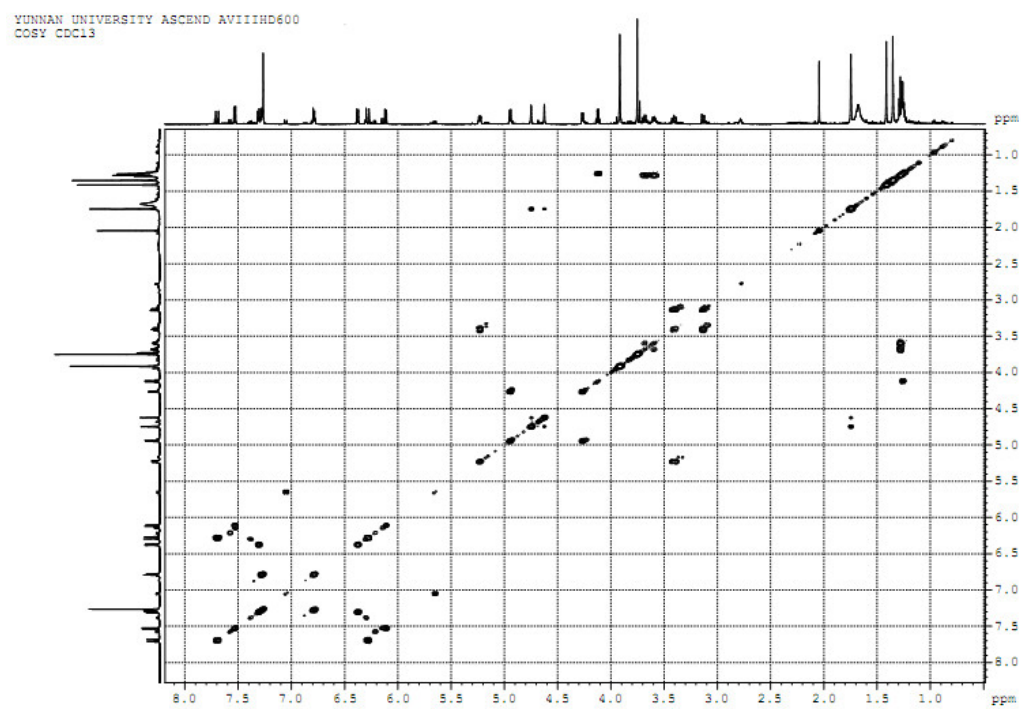


Figure S5. ^1H - ^1H COSY spectrum of **1** in CDCl_3

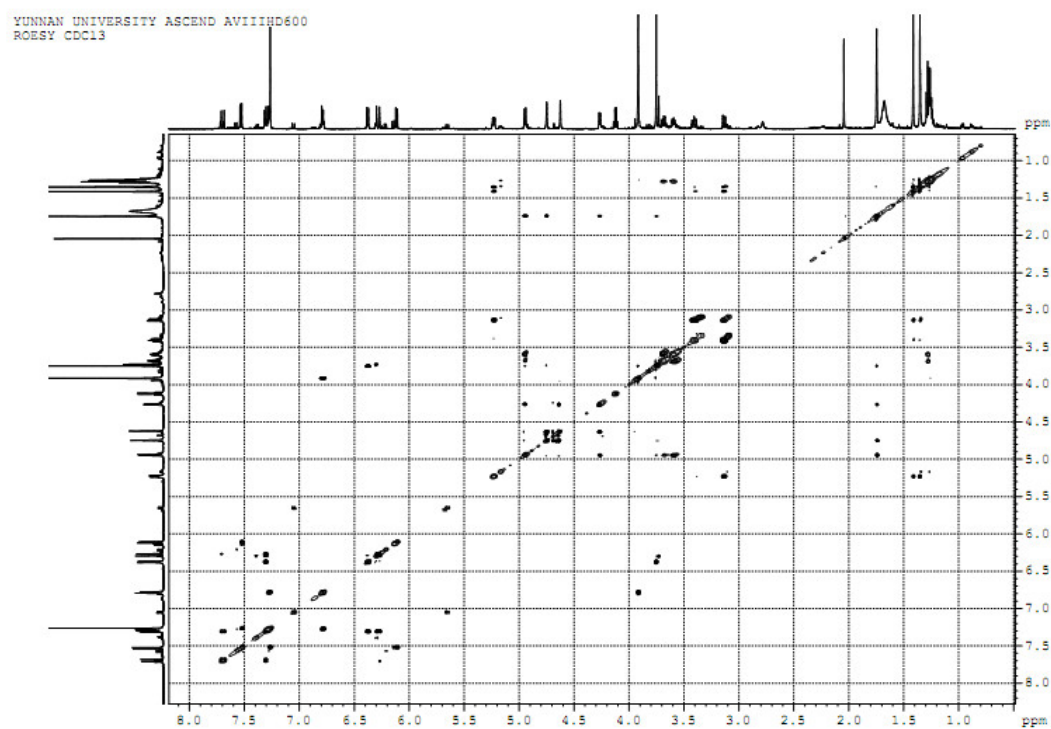
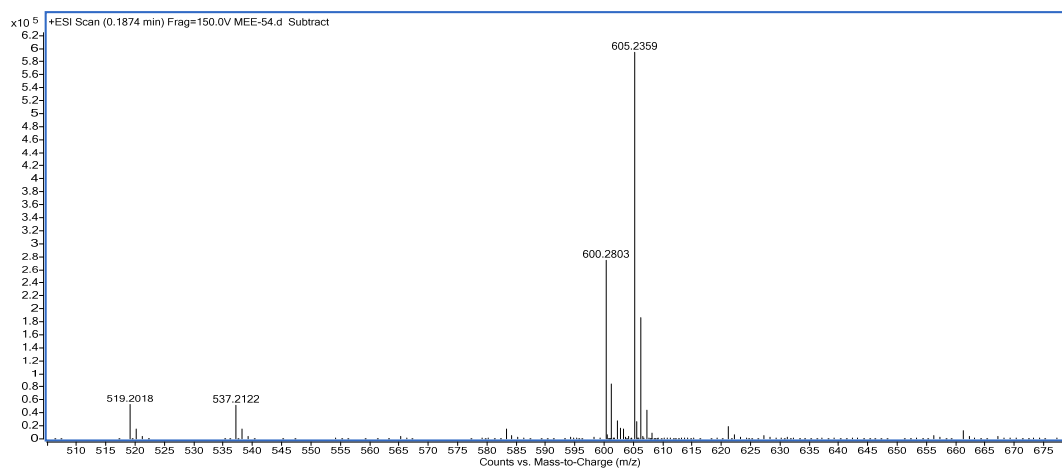
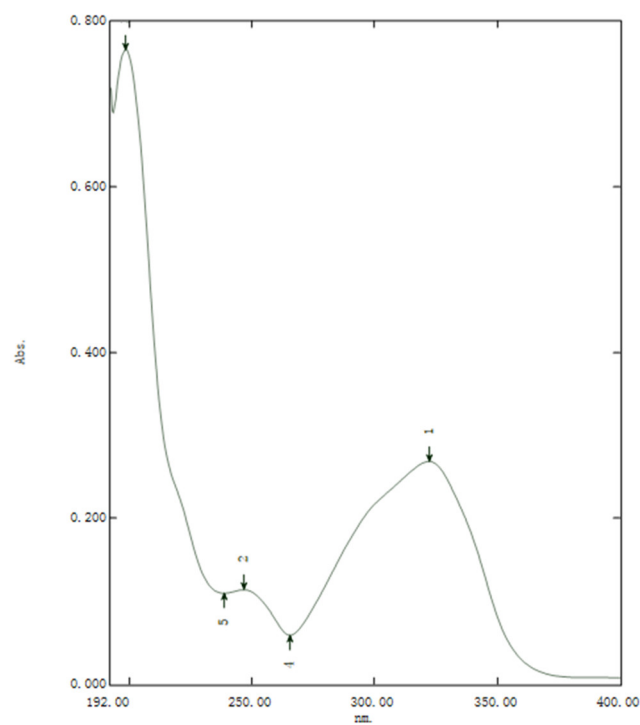


Figure S6. ROESY spectrum of **1** in CDCl_3



MS Formula Results: + Scan (0.1874 min)

m/z	Ion	Formula	Abundance
600.2803	(M+NH4) ⁺	C32H42N O10	274790.1
Best	Formula (M)	Ion Formula	Score
✓	C32H38 O10	C32H42N O10	74.87
		Cross Score	Calc m/z
			600.2803
		Diff (ppm)	0
		Mass Match	100
		Abund Match	53.4
		Spacing Match	49.54
m/z	Ion	Formula	Abundance
605.2359	(M+Na) ⁺	C32H38Na O10	594872.8
Best	Formula (M)	Ion Formula	Score
✓	C32H38 O10	C32H38Na O10	97.29
		Cross Score	Calc m/z
			605.2357
		Diff (ppm)	+0.39
		Mass Match	99.82
		Abund Match	92.88
		Spacing Match	97.58

Figure S7. HRESIMS spectrum of **1**Figure S8. UV spectrum of **1**

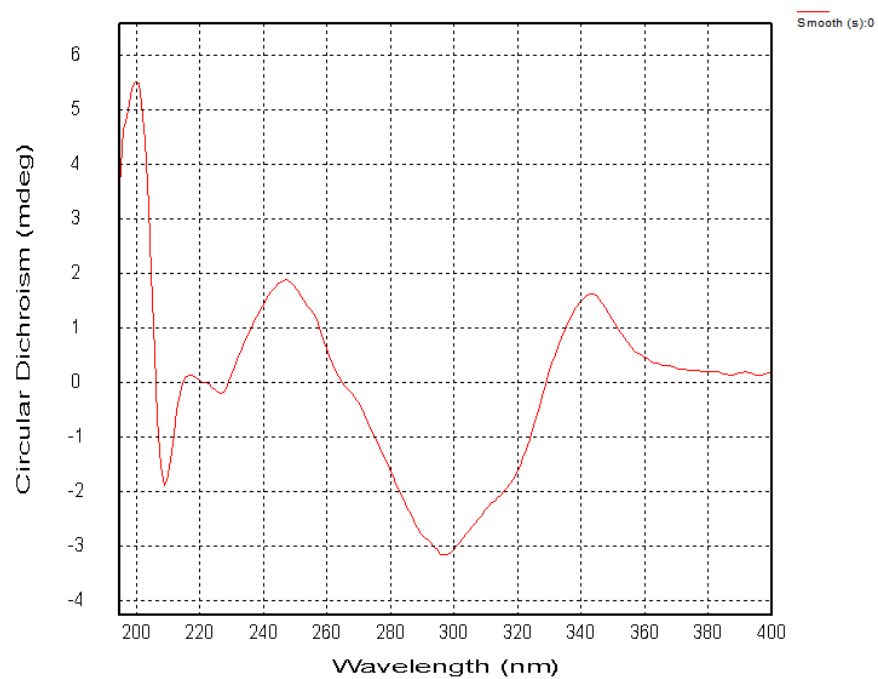


Figure S9. CD spectrum of **1**