Electronic Supplementary Material (ESI) for RSC Advances. This journal is © The Royal Society of Chemistry 2020

Supporting information for

Synthesis of caffeic acid sulfonamide derivatives and their protective effect against H₂O₂ induced oxidative damage in A549 cells

Xiaoyu Peng^{a,d}, Tingjun Hu^a, Yuxue Zhang^a, Anran Zhao^b, Bharathi Natarajan^c, Jiata Wei^a, Yan Hao^a, Hailan Chen^{*a}, Cuiwu Lin^{*a}

^a Guangxi University, Nanning 530004, Guangxi, China

^b The first affiliated hospital of Guangxi Medical University, Nanning 530021, Guangxi, China

^c College of Medicine, Jiaxing University, Jiaxing 314001, Zhejiang, China

^d China Academy of Science and Technology Development Guangxi Branch, Nanning 530022, Guangxi, China

INDEX

Fig. S1 The ESI-MS spectra of ACASMD.	III
Fig. S2 The ESI-MS spectra of CASMD.	IV
Fig. S3 The ESI-MS spectra of ACASDZ.	V
Fig. S4 The ESI-MS spectra of CASDZ	VI
Fig. S5 The ESI-MS spectra of ACASN.	VII
Fig. S6 The ESI-MS spectra of CASN.	VIII
Fig. S7 The IR spectra of ACASMD	IX
Fig. S8 The IR spectra of CASMD.	X
Fig. S9 The IR spectra of ACASDZ	XI
Fig. S10 The IR spectra of CASDZ.	XII
Fig. S11 The IR spectra of ACASN	XIII
Fig. S12 The IR spectra of CASN.	XIV
Fig. S13 The ¹ H-NMR spectra of ACASMD.	XV
Fig. S14 The ¹ H-NMR spectra of CASMD	XVI
Fig. S15 The ¹ H-NMR spectra of ACASDZ	XVII
Fig. S16 The ¹ H-NMR spectra of CASDZ	XVIII
Fig. S17 The ¹ H-NMR spectra of ACASN	XIX
Fig. S18 The ¹ H-NMR spectra of CASN	XX
Fig. S19 The ¹³ C{ ¹ H} NMR spectra of ACASMD	XXI
Fig. S20 The ¹³ C{ ¹ H} NMR spectra of CASMD.	XXII
Fig. S21 The ¹³ C{ ¹ H} NMR spectra of ACASDZ.	XXIII
Fig. S22 The ¹³ C{ ¹ H} NMR spectra of CASDZ.	XXIV
Fig. S23 The ¹³ C{ ¹ H} NMR spectra of ACASN.	XXV
Fig. S24 The ¹³ C{ ¹ H} NMR spectra of CASN	XXVI



Fig. S1 The ESI-MS spectra of ACASMD.



Fig. S2 The ESI-MS spectra of CASMD.



Fig. S3 The ESI-MS spectra of ACASDZ.



Fig. S4 The ESI-MS spectra of CASDZ.



Fig. S5 The ESI-MS spectra of ACASN.



Fig. S6 The ESI-MS spectra of CASN.



Fig. S7 The IR spectra of ACASMD.



Fig. S8 The IR spectra of CASMD.



Fig. S9 The IR spectra of ACASDZ.



Fig. S10 The IR spectra of CASDZ.



Fig. S11 The IR spectra of ACASN.



Fig. S12 The IR spectra of CASN.



Fig. S13 The ¹H-NMR spectra of ACASMD.



Fig. S14 The ¹H-NMR spectra of CASMD



Fig. S15 The ¹H-NMR spectra of ACASDZ



Fig. S16 The ¹H-NMR spectra of CASDZ



Fig. S17 The ¹H-NMR spectra of ACASN



Fig. S18 The ¹H-NMR spectra of CASN



Fig. S19 The ${}^{13}C{}^{1}H$ NMR spectra of ACASMD.



Fig. S20 The ${}^{13}C{}^{1}H$ NMR spectra of CASMD.



Fig. S21 The ${}^{13}C{}^{1}H$ NMR spectra of ACASDZ.



Fig. S22 The ${}^{13}C{}^{1}H$ NMR spectra of CASDZ.



Fig. S23 The ¹³C{¹H} NMR spectra of ACASN.



Fig. S24 The ¹³C{¹H} NMR spectra of CASN.