

Supplementary data for the article:

Dinić, J.; Novaković, M.; Podolski-Renić, A.; Stojković, S.; Mandić, B.; Tešević, V.; Vajs, V.; Isaković, A.; Pešić, M. Antioxidative Activity of Diarylheptanoids from the Bark of Black Alder (*Alnus Glutinosa*) and Their Interaction with Anticancer Drugs. *Planta Medica* **2014**, *80* (13), 1088–1096. <https://doi.org/10.1055/s-0034-1382993>

Supporting Information

Antioxidative Activity of Diarylheptanoids from the Bark of Black Alder (*Alnus glutinosa*) and Their Interaction with Anticancer Drugs

Jelena Dinić¹, Miroslav Novaković², Ana Podolski-Renić¹, Sonja Stojković¹, Boris Mandić³, Vele Tešević³, Vlatka Vajs², Aleksandra Isaković⁴, Milica Pešić¹

Affiliations

¹Institute for Biological Research, Department of Neurobiology, University of Belgrade, Belgrade, Serbia

²Institute for Chemistry, Technology and Metallurgy, University of Belgrade, Belgrade, Serbia

³Faculty of Chemistry, University of Belgrade, Belgrade, Serbia

⁴Faculty of Medicine, University of Belgrade, Belgrade, Serbia

Correspondence

Dr. Jelena Dinić; Dr. Milica Pešić

Institute for Biological Research

Department of Neurobiology

University of Belgrade

Bulevar Despota Stefana 142

Belgrade

Serbia

Phone: +381 11 20 78 406

Fax: +381 11 27 61 433

jelena.dinic@ibiss.bg.ac.rs (J. Dinić); vtbvtn@sbb.rs; camala@ibiss.bg.ac.rs (M. Pešić)

Table 1S Compounds **1** and **2** increase IC₅₀ values of DOX and CPT in NCI-H460 and HaCaT cell lines and peripheral blood mononuclear cells (PBMC).

Drugs	IC ₅₀ (μM)		
	NCI-H460	HaCaT	PBMC
1	28.1	8.7	46.3
2	19.9	31.3	50
CUR	38.4	7.1	88.5
DOX	0.028	0.007	0.261
1 + DOX*	0.083	0.231	0.55
2 + DOX*	0.078	0.025	0.46
CUR + DOX*	0.063	0.008	0.213
CPT	1.1	1.8	15.7
1 + CPT*	3.1	3.5	63
2 + CPT*	2.8	3.4	45
CUR + CPT*	2.3	2.9	27.2

*Numbers refer to IC₅₀ values of DOX and CPT.