

Supporting Information

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Synthesis and anticancer (MCF-7, PC-3) activities of new 2-hydroxy-2,2-bis(4-substitutedphenyl)-N'-[(1E)-(3/4-substitutedphenyl)methylene]-acetohydrazides

İnci Selin Doğan^{*1}, Hasan Erdinç Sellitepe¹, Nuran Kayıkçı¹,
Hande Sipahi², Rengin Reis² and Nurettin Yaylı¹

¹Faculty of Pharmacy, Karadeniz Technical University, 61080 Trabzon-Türkiye

²Faculty of Pharmacy, Yeditepe University, 61080 Trabzon- Türkiye

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* Corresponding author: E-mail: isdoğan@ktu.edu.tr

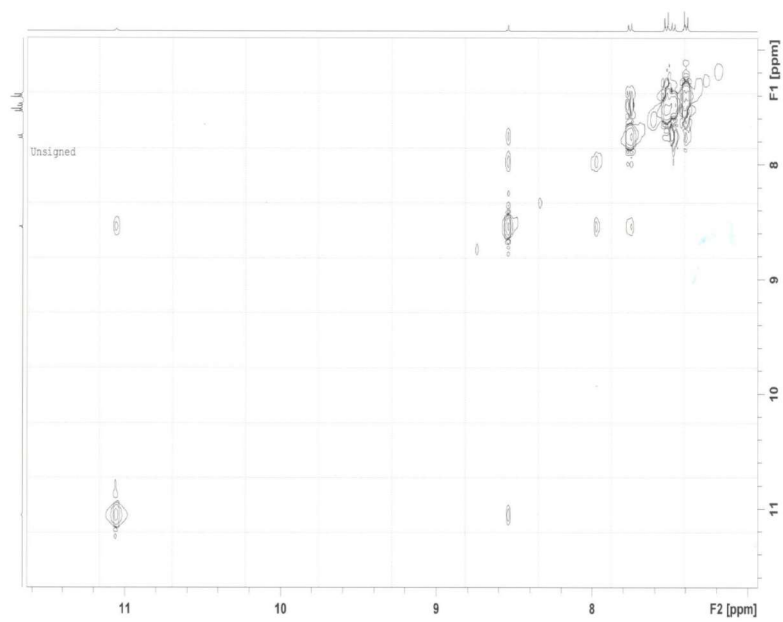


Figure S1: NOESY spectrum of compound **1a**, CD_3COCD_3 , 400 MHz NMR.

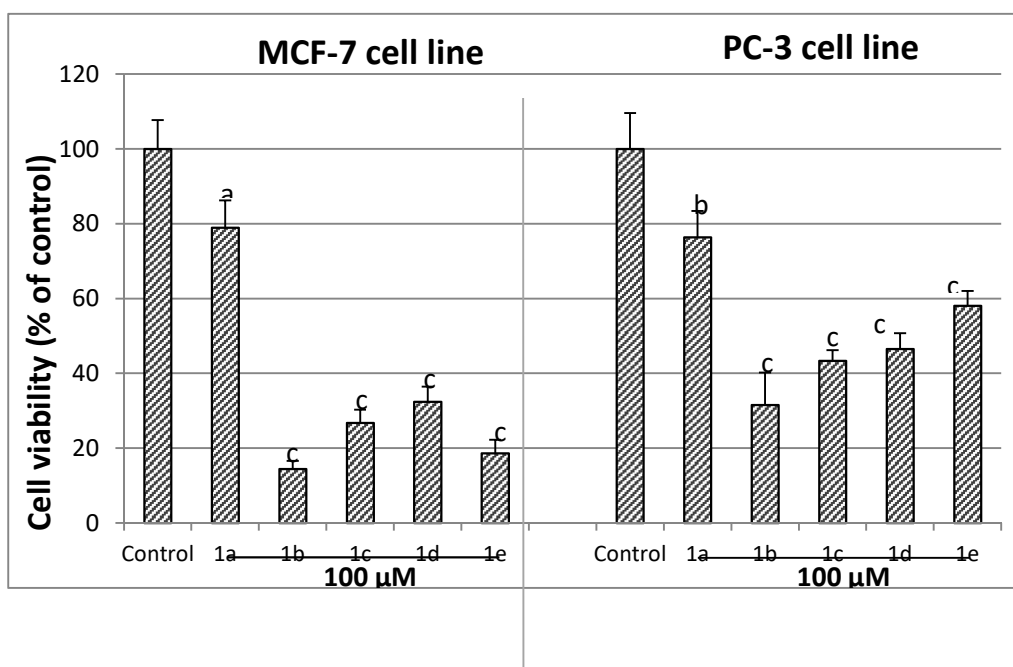


Figure S2. Anti-proliferative activity of compounds at highest experimental dose (100 μM) on MCF-7 and PC-3 cell lines compared to control group.

The significant differences between groups and their control were defined with ^a at $p < 0.05$, ^b at $p < 0.001$ and ^c at $p < 0.0001$