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Synthesis and biological evaluation of 2-alkoxycarbonylallyl esters as potential anticancer agents

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## **Graphical Abstract**

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Synthesis and biological evaluation of 2-Leave this area blank for abstract info. alkoxycarbonylallyl esters as potential anticancer agents Conor T. Ronayne, Lucas N. Solano, Grady L. Nelson, Erica A. Lueth, Skyler L. Hubbard, Tanner J. Schumacher, Zachary S. Gardner, Sravan K Jonnalagadda, Shirisha Gurrapu, Jon Holy, and Venkatram R. Mereddy Dru Lead molecule In vitro IC<sub>50</sub> in Improved cell proliferation inhibition MDA-MB-231: 3.85 µM Well tolerated in CD-1 mice MIAPaCa-2 : 3.35 μΜ Good in vivo tumor growth inhibition 4T1: 5.51 μM Possible DNA alkylation 

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