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

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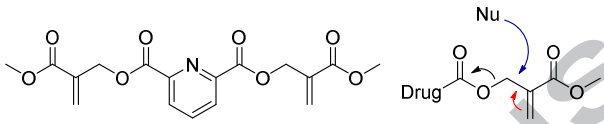

Lead molecule
In vitro IC_{50} in
MDA-MB-231: 3.85 μM
MIAPaCa-2 : 3.35 μM
4T1: 5.51 μM

Improved cell proliferation inhibition
Well tolerated in CD-1 mice
Good *in vivo* tumor growth inhibition
Possible DNA alkylation