



A Novel Salt Inducible Kinase 2 Inhibitor, ARN-3261, Sensitizes Ovarian Cancer Cell Lines and Xenografts to Carboplatin

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	Combination Ratio	Combination Index at
	[Carbo]:[ARN-3261]	the Effect Level of 95%
IGROV1	3:1	0.75
OC316	2:1	0.19
OVCAR8	4:1	0.59
SKOv3	12:1	0.92

Table S1. The combinatorial effect of carboplatin and ARN-3261.



Figure S1. ARN-3261 enhances carboplatin-induced inhibition of clonogenic growth. 400 OVCAR8 or SKOv3 ovarian cancer cells were seeded in 6-well plates in normal culture medium for 24 hrs. Cells were then treated with diluent, ARN-3261 (ES2 2.2 μ M, OC316 2.5 μ M, OVCAR8 2.3 μ M, SKOv3 3.5 μ M and MDA2774 2.5 μ M), carboplatin (ES2 3.3 μ M, OC316 3.0 μ M, OVCAR8 4.0 μ M, SKOv3 2.0 μ M and MDA2774 3.0 μ M) or both in triplicate for another 12-14 days.









Figure S2: The uncropped western blotting figures.