

Wound healing assay						
	Control		100 μ M of ARC		200 μ M of ARC	
% Wound area	n1	n2	n1	n2	n1	n2
KKU-213A at 18 h	0.33	8.69	23.54	21.56	25.02	27.70
KKU-100 at 24 h	12.03	0.00	53.69	31.17	54.89	50.05

Cell proliferation					
% cell viability	KKU-213A			KKU-100	
Conc of ARC (μ M)	n1	n2		n1	n2
0	100.00	100.00		100.00	100.00
5	100.87	85.44		102.65	71.51
10	103.07	84.80		84.12	69.20
50	85.43	75.88		73.85	64.80
100	54.70	46.95		55.89	62.71
150	33.28	33.10		37.18	55.78
200	25.41	24.18		36.67	41.31
250	25.66	26.75		30.37	32.89

Flow cytometry for apoptosis					
	KKU-213A			KKU-100	
% Total apoptosis	n1	n2		n1	n2
Control	10.4	18.8		2.8	2.7
50 μ M	60.4	61.3		4	4.7
100 μ M	69.5	78.1		15.2	13.6
200 μ M	86.3	92.3		18	18