

**Supplementary Table S2. Z'-Values Calculated from Figure 5**

	Paclitaxel	Etoposide	Staurosporine	Mitomycin C	Doxorubicin	Fluoroadenine
All cells	-0.20	0.82	0.69	0.82	0.70	0.80
Calcein AM-Pos (Live)	0.70	0.75	0.76	0.80	0.68	0.71
EthD-1-Neg (Live)	0.70	0.84	0.83	0.86	0.73	0.82
Avg spheroid diameter (mm)	-0.86	0.74	0.44	0.79	0.59	0.76
Avg spheroid area (mm <sup>2</sup> )	0.33	0.87	0.75	0.86	0.75	0.86
Avg total area of live cells (mm <sup>2</sup> )	0.66	0.60	0.68	0.70	0.57	0.59
Calcein AM Avg intensity	0.70	0.75	0.76	0.80	0.68	0.71

Avg, average; Pos, positive; Neg, negative.