

Online Resource 2

	TubA	Prt D	AU 816	JB 337	JB 375	AU 954	AU 815	AU825	JB 338
Complete microtubule breakdown 16hrs	~ 30 nM	~ 30 nM	≥ 0.1 μM	> 0.3 μM	~ 1 μM	> 1 μM	> 30 μM	> 30 μM	≥ 30 μM
Inhibition of proliferation 72hrs HMEC-1 EC ₅₀ (95% -CI)	1.2 nM (1.0 – 1.3 nM)	2.3 nM (1.9 – 2.8 nM)	4.4 nM (3.3 – 5.8 nM)	14 nM (11 – 16 nM)	55 nM (45 – 67 nM)	60 nM (49 – 73 nM)	2.2 μM (0.9 – 5.1 μM)	1.2 μM (0.9 – 1.5 μM)	1.5 μM (0.9 – 2.6 μM)
G ₂ M-arrest 48hrs HMEC-1 EC ₅₀ (95% -CI)	1.9 nM (1.7 – 2.2 nM)	4.1 nM (3.5 – 4.6 nM)	25 nM (22 – 28 nM)	54 nM (48 – 61 nM)	0.2 μM (0.2 – 0.3 μM)	0.3 μM (0.3 – 0.4 μM)	25 μM (15 – 44 μM)	7.6 μM (4.4 – 13 μM)	7.0 μM (0.5 – 10 μM)
Nuclear Fragmentation 48hrs HMEC EC ₅₀ (95% -CI)	2.4 nM (1.9 – 3.1 nM)	2.9 nM (2.3 – 3.8 nM)	22 nM (17 – 28 nM)	63 nM (58 – 69 nM)	0.3 μM (0.2 – 0.3 μM)	0.3 μM (0.3 – 0.4 μM)	10 μM (8.1 – 13 μM)	7 μM (4.9 – 9.7 μM)	8 μM (5.9 – 11 μM)
Wound Repair inhibition 16hrs HUVECs EC ₅₀ (95% - CI)	3.4 nM (2.9 – 3.9 nM)	5.3 nM (4.3 – 6.5 nM)	11 nM (9.9 – 13 nM)	26 nM (19 – 35 nM)	0.2 μM (0.2 – 0.3 μM)	0.3 μM (0.2 – 0.3 μM)	4.2 μM (3.3 – 5.4 μM)	3.0 μM (2.6 – 3.6 μM)	5.9 μM (5.0 – 6.9 μM)

Where appropriate EC₅₀ values are expressed as best fit value and 95% Confidence Interval (CI).