

Name of test: Sample test

Date of test: 28.07.2014

Comments: For educational purposes

Researcher: Dmitry Nevozhay

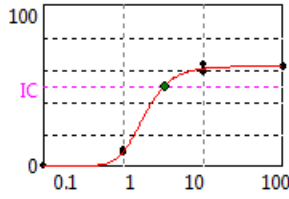
Cell line: A549

Cell concentration:  $0.5 \times 10^4/\text{ml}$

Filter wavelength: 540nm

Reference drug; IC50 (Abs.): 3.31 ug/ml; 95% CI: 2.15, 5.10; Imax: 62.0%

ug/ml	Avg ± SD	% inh
100	0.713 ± 0.008	61.94
10	0.739 ± 0.039	60.29
1	1.543 ± 0.013	8.68
0.1	1.708 ± 0.045	0.00

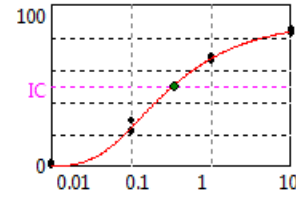


Method: nonlinear regression

R2: 0.999

Compound 4; IC50 (Abs.): 0.34 ug/ml; 95% CI: 0.30, 0.38; Imax: 94.4%

ug/ml	Avg ± SD	% inh
10	0.379 ± 0.026	83.35
1	0.640 ± 0.029	66.60
0.1	1.307 ± 0.058	23.79
0.01	1.683 ± 0.046	0.00

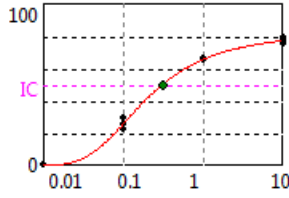


Method: nonlinear regression

R2: 0.996

Compound 1; IC50 (Abs.): 0.31 ug/ml; 95% CI: 0.27, 0.36; Imax: 83.2%

ug/ml	Avg ± SD	% inh
10	0.477 ± 0.036	77.06
1	0.660 ± 0.003	65.34
0.1	1.280 ± 0.058	25.52
0.01	1.810 ± 0.062	0.00

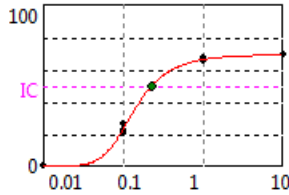


Method: nonlinear regression

R2: 0.997

Compound 2; IC50 (Abs.): 0.23 ug/ml; 95% CI: 0.19, 0.28; Imax: 69.3%

ug/ml	Avg ± SD	% inh
10	0.604 ± 0.005	68.93
1	0.650 ± 0.018	66.00
0.1	1.321 ± 0.044	22.91
0.01	1.899 ± 0.048	0.00

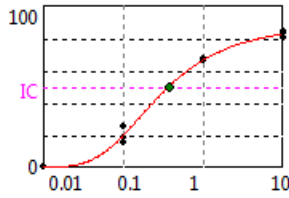


Method: nonlinear regression

R2: 0.998

Compound 3; IC50 (Abs.): 0.37 ug/ml; 95% CI: 0.32, 0.44; Imax: 90.3%

ug/ml	Avg ± SD	% inh
10	0.393 ± 0.027	82.48
1	0.646 ± 0.009	66.21
0.1	1.372 ± 0.082	19.63
0.01	1.751 ± 0.036	0.00



Method: nonlinear regression

R2: 0.995

Control of cells: 1.678 ± 0.058

Control of medium: 0.120 ± 0.081

Outlier threshold: 2 SD Discard: NO

Calculation method: nonlinear regression

Y axis: Linear

X axis: Logarithmic (10)

Legend:

Accepted

Outliers

Unused

CC

CM

Values changed manually:

o: original absorbance

n: new absorbance

	1	2	3	4	5	6	7	8	9	10	11	12
<b>A</b>	0.721	0.713	0.705	0.695	0.753	0.768	1.547	1.528	1.553	1.678	1.760	1.686
<b>B</b>	0.479	0.512	0.441	0.656	0.662	0.662	1.337	1.282	1.222	1.739	1.835	1.855
<b>C</b>	0.608	0.599	0.605	0.666	0.631	0.652	1.329	1.360	1.274	1.899	1.947	1.851
<b>D</b>	0.424	0.381	0.374	0.655	0.637	0.647	1.392	1.442	1.282	1.746	1.718	1.789
<b>E</b>	0.405	0.379	0.354	0.671	0.636	0.614	1.343	1.338	1.241	1.731	1.680	1.639
<b>F</b>	0.039	0.038	0.037	0.039	0.039	0.042	0.042	0.039	0.038	0.048	0.041	0.039
<b>G</b>	0.038	0.041	0.038	0.039	0.038	0.041	0.038	0.042	0.040	0.043	0.042	0.041
<b>H</b>	1.561	1.705	1.676	1.690	1.687	1.691	1.782	1.672	1.637	0.072	0.075	0.213

Data file: X:\Export to Houston\Dropbox\Cheburator\Samples\normal.dat [04.05.2005 09:22]

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