





# National Cancer Institute Developmental Therapeutics Program In-Vitro Testing Results

NSC : 771791 / 1	Experiment ID : 1304NS55	Test Type : 08	Units : Molar
Report Date : December 09, 2013	Test Date : April 08, 2013	QNS :	MC :
COMI : NMR/22257590 (124129)	Stain Reagent : SRB Dual-Pass Related	SSPL : 0YAR	

Panel/Cell Line	Log10 Concentration												GI50	TGI	LC50
	Time Zero	Ctrl	-8.0	-7.0	-6.0	-5.0	-4.0	-8.0	-7.0	-6.0	-5.0	-4.0			
<b>Leukemia</b>															
CCRF-CEM	0.520	2.759	2.735	2.638	1.931	0.673	0.428	99	95	63	7	-18	1.70E-6	1.90E-5	> 1.00E-4
HL-60(TB)	1.055	3.001	2.909	2.876	2.418	0.921	0.664	95	94	70	-13	-37	1.75E-6	7.02E-6	> 1.00E-4
K-562	0.205	1.681	1.490	1.522	0.412	0.327	0.225	87	89	14	8	1	3.33E-7	> 1.00E-4	> 1.00E-4
MOLT-4	0.758	2.689	2.623	2.529	1.990	1.187	0.746	97	92	64	22	-2	2.15E-6	8.58E-5	> 1.00E-4
RPMI-8226	0.779	2.562	2.635	2.613	2.501	0.870	0.614	104	103	97	5	-21	3.23E-6	1.56E-5	> 1.00E-4
SR	0.524	2.427	2.401	2.503	1.214	0.790	0.472	99	104	36	14	-10	6.26E-7	3.84E-5	> 1.00E-4
<b>Non-Small Cell Lung Cancer</b>															
A549/ATCC	0.519	2.039	2.073	1.962	1.523	0.844	0.562	102	95	66	21	3	2.29E-6	> 1.00E-4	> 1.00E-4
HOP-62	0.689	1.883	1.840	1.869	1.680	0.852	0.650	96	99	83	14	-6	2.99E-6	5.05E-5	> 1.00E-4
NCI-H226	1.253	2.573	2.525	2.540	2.394	1.971	1.359	96	97	86	54	8	1.24E-5	> 1.00E-4	> 1.00E-4
NCI-H322M	0.599	1.501	1.462	1.477	1.505	0.819	0.644	96	97	100	24	5	4.61E-6	> 1.00E-4	> 1.00E-4
NCI-H460	0.340	3.085	3.136	3.186	3.001	0.589	0.360	102	104	97	9	1	3.42E-6	> 1.00E-4	> 1.00E-4
NCI-H522	1.247	2.408	2.287	2.300	1.806	0.965	0.756	90	91	48	-23	-39	9.05E-7	4.79E-6	> 1.00E-4
<b>Colon Cancer</b>															
COLO 205	0.470	1.821	1.811	1.863	1.628	0.466	0.351	99	103	86	-1	-25	2.58E-6	9.75E-6	> 1.00E-4
HCC-2998	0.528	1.674	1.595	1.638	1.429	0.913	0.579	93	97	79	34	4	4.31E-6	> 1.00E-4	> 1.00E-4
HCT-116	0.264	2.281	2.282	2.201	1.870	0.623	0.328	100	96	80	18	3	3.01E-6	> 1.00E-4	> 1.00E-4
HCT-15	0.331	2.158	2.162	2.092	1.198	0.575	0.443	100	96	47	13	6	8.88E-7	> 1.00E-4	> 1.00E-4
HT29	0.260	1.318	1.379	1.302	0.851	0.287	0.219	106	98	56	3	-16	1.29E-6	1.37E-5	> 1.00E-4
KM12	0.665	2.815	2.840	2.775	1.903	1.217	0.630	101	98	58	26	-5	1.73E-6	6.76E-5	> 1.00E-4
SW-620	0.408	2.716	2.716	2.678	1.482	0.809	0.457	100	98	47	17	2	8.57E-7	> 1.00E-4	> 1.00E-4
<b>CNS Cancer</b>															
SF-268	0.612	2.058	2.017	1.985	1.917	1.175	0.801	97	95	90	39	13	6.09E-6	> 1.00E-4	> 1.00E-4
SF-295	0.899	2.712	2.632	2.545	2.049	0.682	0.595	96	91	63	-24	-34	1.42E-6	5.30E-6	> 1.00E-4
SF-539	0.979	2.742	2.686	2.706	2.313	0.614	0.524	97	98	76	-37	-47	1.69E-6	4.67E-6	> 1.00E-4
SNB-19	0.755	2.213	2.156	2.084	2.004	1.347	1.083	96	91	86	41	22	6.18E-6	> 1.00E-4	> 1.00E-4
SNB-75	0.959	1.804	1.643	1.656	1.509	0.683	0.548	81	82	65	-29	-43	1.45E-6	4.93E-6	> 1.00E-4
U251	0.585	2.045	1.943	1.893	1.781	0.791	0.574	93	90	82	14	-2	2.95E-6	7.62E-5	> 1.00E-4
<b>Melanoma</b>															
LOX IMVI	0.658	3.016	2.934	2.914	2.582	1.282	0.522	97	96	82	26	-21	3.74E-6	3.64E-5	> 1.00E-4
M14	0.546	1.936	1.912	1.870	1.453	0.782	0.603	98	95	65	17	4	2.07E-6	> 1.00E-4	> 1.00E-4
MDA-MB-435	0.544	2.204	2.160	2.107	0.386	0.231	0.248	97	94	-29	-58	-54	2.28E-7	5.81E-7	5.44E-6
SK-MEL-2	0.753	1.196	1.202	1.228	1.099	0.715	0.603	101	107	78	-5	-20	2.18E-6	8.68E-6	> 1.00E-4
SK-MEL-28	0.592	1.458	1.476	1.436	1.171	0.817	0.702	102	97	67	26	13	2.58E-6	> 1.00E-4	> 1.00E-4
SK-MEL-5	0.929	3.053	2.981	3.060	2.732	1.290	0.341	97	100	85	17	-63	3.26E-6	1.63E-5	6.82E-5
UACC-257	0.905	1.689	1.674	1.627	1.479	1.177	1.025	98	92	73	35	15	3.99E-6	> 1.00E-4	> 1.00E-4
UACC-62	0.902	2.765	2.717	2.733	2.260	1.333	0.798	97	98	73	23	-12	2.88E-6	4.65E-5	> 1.00E-4
<b>Ovarian Cancer</b>															
IGROV1	0.486	1.603	1.611	1.565	1.309	0.776	0.414	101	97	74	26	-15	3.14E-6	4.32E-5	> 1.00E-4
OVCAR-3	0.705	2.006	1.995	2.004	1.816	0.776	0.618	99	100	85	5	-12	2.77E-6	2.03E-5	> 1.00E-4
OVCAR-4	0.559	1.160	1.112	1.124	1.086	0.947	0.642	92	94	88	65	14	1.94E-5	> 1.00E-4	> 1.00E-4
OVCAR-5	0.593	1.406	1.389	1.375	1.274	0.918	0.688	98	96	84	40	12	5.89E-6	> 1.00E-4	> 1.00E-4
OVCAR-8	0.588	2.074	2.070	2.061	1.921	0.891	0.666	100	99	90	20	5	3.74E-6	> 1.00E-4	> 1.00E-4
NCI/ADR-RES	0.543	1.881	1.908	1.847	1.291	0.567	0.419	102	97	56	2	-23	1.28E-6	1.18E-5	> 1.00E-4
SK-OV-3	0.584	1.304	1.298	1.325	1.223	0.625	0.463	99	103	89	6	-21	2.93E-6	1.64E-5	> 1.00E-4
<b>Renal Cancer</b>															
786-0	0.584	2.553	2.481	2.463	2.491	1.268	0.747	96	95	97	35	8	5.68E-6	> 1.00E-4	> 1.00E-4
A498	1.700	2.684	2.587	2.674	2.413	1.569	1.319	90	99	72	-8	-22	1.91E-6	8.01E-6	> 1.00E-4
ACHN	0.411	1.826	1.878	1.887	1.775	0.904	0.660	104	104	96	35	18	5.67E-6	> 1.00E-4	> 1.00E-4
CAKI-1	0.648	2.484	2.462	2.448	1.969	0.762	0.607	99	98	72	6	-6	2.16E-6	3.12E-5	> 1.00E-4
RXF 393	0.948	1.951	1.905	1.899	1.753	1.117	0.800	95	95	80	17	-16	3.00E-6	3.31E-5	> 1.00E-4
SN12C	0.643	2.628	2.513	2.561	2.316	1.155	0.705	94	97	84	26	3	3.86E-6	> 1.00E-4	> 1.00E-4
UO-31	0.655	1.765	1.566	1.604	1.591	0.926	0.550	82	85	84	24	-16	3.74E-6	4.00E-5	> 1.00E-4
<b>Prostate Cancer</b>															
PC-3	0.698	2.164	2.115	2.079	1.743	0.907	0.642	97	94	71	14	-8	2.36E-6	4.36E-5	> 1.00E-4
DU-145	0.460	1.740	1.746	1.705	1.658	0.592	0.526	100	97	94	10	5	3.34E-6	> 1.00E-4	> 1.00E-4
<b>Breast Cancer</b>															
MCF7	0.419	2.250	2.087	2.181	1.471	0.635	0.522	91	96	57	12	6	1.45E-6	> 1.00E-4	> 1.00E-4
MDA-MB-231/ATCC	0.681	1.539	1.548	1.526	1.306	0.883	0.576	101	99	73	24	-15	2.91E-6	4.01E-5	> 1.00E-4
HS 578T	1.268	2.349	2.280	2.273	2.108	1.340	1.036	94	93	78	7	-18	2.45E-6	1.84E-5	> 1.00E-4
BT-549	1.240	2.404	2.349	2.345	2.233	1.643	1.363	95	95	85	35	11	4.97E-6	> 1.00E-4	> 1.00E-4
MDA-MB-468	0.767	1.758	1.649	1.689	1.327	0.806	0.774	89	93	57	4	1	1.33E-6	> 1.00E-4	> 1.00E-4

Mean Graphs

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