



Figure S1. Heat Map for (A) U87 cell line and (B) U373 cell line.

Table S1. ANOVA for U87 and U373 cell lines

ANOVA for 87 cell line treated with paclitaxel 4.2 nM and/or etoposide 10 µg/mL				
	f.value	p.value	-log10(p)	FDR
ADP	458.21	1.2274E-12	11.911	1.1292E-10
Glycerophosphocholine	320.17	1.0296E-11	10.987	4.7361E-10
Uric acid	270.97	2.7619E-11	10.559	6.361E-10
Niacinamide	270.9	2.7656E-11	10.558	6.361E-10
L-Phenylalanine	178.37	3.2341E-10	9.4902	5.9508E-09
Guanine	132.49	1.8346E-09	8.7365	2.7225E-08
Hypoxanthine	129.75	2.0715E-09	8.6837	2.7225E-08
L-Tryptophan	125.33	2.533E-09	8.5964	2.913E-08
Adenine	96.301	1.1594E-08	7.9358	1.1852E-07
Inosine	92.872	1.4276E-08	7.8454	1.3134E-07
Guanosine 5'-diphosphate	90.065	1.7021E-08	7.769	1.4235E-07
Glycyl-L-leucine	66.703	9.3795E-08	7.0278	6.7234E-07
Thymidine	66.552	9.5004E-08	7.0223	6.7234E-07
L-Arginine	57.115	2.2397E-07	6.6498	1.4718E-06
Nutriacholic acid	54.112	3.0257E-07	6.5192	1.8558E-06
Cytidine	52.001	3.7733E-07	6.4233	2.1696E-06
Pyroglutamic acid	30.784	6.4383E-06	5.1912	3.4843E-05
Guanosine	23.978	2.3461E-05	4.6297	0.00011991
Cyclic AMP	20.864	4.7199E-05	4.3261	0.00022854
L-Norleucine	20.62	5.0034E-05	4.3007	0.00023016
Spermine	19.218	7.0785E-05	4.1501	0.00031011
p-Hydroxyphenylacetic acid	18.688	8.1138E-05	4.0908	0.0003393
L-Methionine	17.739	0.00010444	3.9811	0.00041775
Mevalonic acid	14.938	0.00023559	3.6278	0.0009031
PC(16:0/16:0)	12.743	0.00048625	3.3131	0.0017894
Sphinganine	12.355	0.0005578	3.2535	0.0019737
Androstenedione	12.027	0.00062824	3.2019	0.0021407
L-Glutamic acid	9.7438	0.0015436	2.8115	0.0050718
Urea	8.0001	0.0033984	2.4687	0.010781
5-Hydroxytryptophol	7.6619	0.0040106	2.3968	0.012299
2-Hydroxycaproic acid	6.2949	0.0082348	2.0843	0.024439
2,4-Diaminobutyric acid	6.0161	0.0096412	2.0159	0.027718
PC(18:1(9Z)/18:1(9Z))	5.8788	0.010435	1.9815	0.029093
ANOVA for U373 cell line treated with paclitaxel 4.2 nM and/or etoposide 10 µg/mL				
	f.value	p.value	-log10(p)	FDR
N-Acetylserotonin	65.051	1.0802E-07	6.9665	1.0154E-05
Sorbitol	30.216	7.1011E-06	5.1487	0.00024643
Adenosine monophosphate	28.459	9.7124E-06	5.0127	0.00024643
L-Arginine	28.043	1.0487E-05	4.9794	0.00024643
Succinylacetone	24.205	2.2359E-05	4.6505	0.00042035
N-Acetyl-L-alanine	21.663	3.9135E-05	4.4074	0.00061312
Glycerophosphocholine	16.493	0.00014799	3.8298	0.0017648
L-Phenylalanine	16.441	0.00015019	3.8233	0.0017648
Norepinephrine	14.195	0.00029819	3.5255	0.0031145
Guanosine monophosphate	12.127	0.00060573	3.2177	0.0056939
L-Tryptophan	9.7647	0.00153	2.8153	0.013075
L-Acetylcarnitine	9.3266	0.0018475	2.7334	0.014472
Phenylacetaldehyde	8.834	0.0023004	2.6382	0.016634
Guanosine 5'-diphosphate	8.6121	0.0025459	2.5942	0.017094
11a-Hydroxyprogesterone	7.8704	0.0036194	2.4414	0.020993
4-Hydroxyproline	7.7936	0.0037581	2.425	0.020993
L-Glutamic acid	7.7728	0.0037966	2.4206	0.020993
Inosine	7.3763	0.0046294	2.3345	0.024176
Thymidine	6.9786	0.0056859	2.2452	0.02813
Diaminopimelic acid	6.3546	0.0079655	2.0988	0.037438
L-Norleucine	6.193	0.0087197	2.0595	0.039031
Cyclic AMP;	6.0719	0.0093389	2.0297	0.039903

Table S2. Collision-induced dissociation (CID) information

Type	Mass	Width	Collision	Charge State
Base	100.0000	2.00	20.00	1
Base	500.0000	4.00	20.00	1
Base	1000.0000	6.00	20.00	1