

glyoxylate	404086.825	400170.72	444257.48	395065.96	435599.643	418612.157	347761.239	359312.4	359593.106	343711.148	374994.283	422246.769
ethamp[c]	26392.9946	21479.2136	21838.7263	19483.6763	18510.5818	22980.6976	95189.4113	90304.6455	100387.735	2335917.39	2107169.43	2074404.82
L-cysteate(1-)	4215.80645	2558.73895	1181.9282	2058.2164	2770.35265	4827.4012	1420.08675	1073.4661	1971.89045	8258.55245	1727.49075	3520.04835
Oxaloacetate	32256.4369	38926.8138	26140.3996	31941.3841	36680.2198	49042.6006	132136.475	15552.7595	118430.116	874752.015	99711.0559	40517.2635
Picolinic acid/Nicotinate	123682.156	157167.213	174379.47	132046.84	168209.866	171804.175	113951.012	140100.427	157021.271	127622.125	158945.487	183308.342
D-glucarate(2-)	19833.9701	19627.2497	21332.0023	18736.8354	27961.0356	30216.7444	23407.2344	18374.7885	20336.0123	23854.5598	21747.6816	34764.3178
Deoxyinosine	32821.0228	32320.6776	30390.0977	25693.2068	25176.4325	42967.6195	18215.9462	17874.5362	18003.6693	48023.8202	32545.4544	12054.6788
dCTP	24829.0283	23971.8719	13149.9837	24561.4466	27804.7148	36532.4849	53057.2488	43360.8934	37964.0991	8413.2175	14636.0052	2463.1998
pyruvate	5893322.11	6902886.63	5168727.89	4029427.59	5889936.5	5309917.84	5184647.25	8759642.96	6670761.96	7791412.79	6871552.75	8582751.29
sarcosine	773292.959	874920.277	901747.309	797597.217	876536.745	961492.065	626895.959	773744.499	805766.851	683266.977	802154.629	841417.422
(R,s)-lactate	441701208	475556721	489075472	457220925	486847855	522307409	304723230	341957612	320557659	207337985	251140500	274831949
acetoacetate	465274.353	811034.494	674108.52	511926.145	784789.049	789487.09	662317.139	703699.561	942084.26	1966382.67	970778.248	686595.681
L-glutamate(1-)	66678914.5	64557832.1	58366742	52829073.2	51845721.5	62847056.4	54100364.4	51081829.5	46496966.9	44121393.9	49386110.6	51009466
D-glucose	23349814.4	21695761.9	26054596.8	24083966.3	26860860.9	25279968	16805508	20686205.2	17260328.9	20416971.1	24142804.8	29122028.6
myo-inositol	2295637.44	2118661.18	2652003.91	2331077.15	2382282.08	2441905.1	1496152.86	1878484.75	1504909.6	1809838.57	2175100.94	2636477.08
uridine	7381720.22	6233810.46	4268749.29	5009559.05	4318868.72	6951666.92	4053072.51	4026946.16	3853726.81	4934308.37	6815122.57	5506112.06
uracil	470983.932	460290.669	494843.293	434667.55	470997.458	447013.281	342182.079	412029.722	354572.194	329613.158	436377.203	498619.421
Fumarate	5222040.06	5301518.11	5123087.26	4786024.09	4691156.44	5143056.75	5484124.59	4838351.9	5144588.78	3584048.91	3727292.32	4211937.6
L-aspartate(1-)	16394321.2	15166761	14847042.1	12848830.9	12731363.4	13849074.1	9993615.17	9844253.96	8974189.23	7377958.78	7899744.14	10344143
L-ascorbate	393170.33	422174.053	492800.016	565809.257	461260.199	505595.52	482408.203	295141.335	351892.422	1036322.52	348593.986	334765.952
glycine	3495125.86	3111909	3216985.93	3008303	3397380.51	3540832.83	2540908.58	2646096.41	2483863.59	3180417.38	3509471.67	5527334.84
succinate(2-)	10080860.1	10289107.8	9704497.43	8136586.26	8922022.18	10801257	8313352.17	7767346.14	8391435.38	7832492.44	7295505.84	8859583.75
Dihydroxyacetone phosph:	425824.727	448719.046	384630.945	378921.222	414831.107	385908.214	549517.098	640539.441	501454.944	273456.495	448812.748	346726.493
Phosphoenolpyruvate	91557.7837	105562.495	76776.9065	107521.766	96760.6749	106785.098	329759.098	238690.726	240291.746	66921.5352	137544.39	44626.5652
IMP	167624.758	137464.05	98541.6241	117733.139	105538.312	157960.346	140194.176	113699.486	113960.844	158863.535	119643.669	145466.064
inosine	1430.79415	2022.853	2494.3676	1758.1109	2007.126	1254.196	1852.6703	2258.0995	2025.0301	1166.6335	2105.0702	1869.14305