PYRIMIDINE METABOLISM

Pentose phosphate pathway
PRPP
N-Carbamoyl-L-aspartate
Dihydro-orotate
Orotate
Orotidine-5P
UDP-glucose (extracellular)
UTP (extracellular)
3'-UMP
2',3'-Cyclic UMP
Pseudouridine-5'-phosphate
Pseudouridine
UppppU
Carbamoyl-P
UTP
UDP
UMP
Uridine
Uracil
Dihydrouracil
3-Ureido-propionate
β-Alanine
β-Alanine metabolism
Arginine biosynthesis
L-Glutamine
Alanine, aspartate and glutamate metabolism
3.6.1.39
RNA
CDP
CMP
CTP (extracellular)
Cytidine
Cytosine
CTP
Barbiturate
3.5.2.1
3.5.1.95
3-Oxo-3-ureido-propanoate
Malonate
Urea
1.1799.4
Ureidoacrylate
Carbamate
Malonate-semialdehyde
3-Hydroxy-propionate
(Z)-3-Ureidoacrylate-peracid
(Z)-3-Peroxy-aminoacrylate
Aminoacrylate
Thioredoxin
Thioredoxin disulfide
2',3'-Cyclic CMP
3'-CMP
3.2.2.10
5-Hydroxymethyl-deoxycytidylate
2'-Deoxy-5-hydroxy-methylcytidine-5'-triphosphate
2'-Deoxy-5-hydroxy-methylcytidine-5'-diphosphate
2.1.2.8
dCTP
dCDP
dCMP
Deoxycytidine
dUTP
dUDP
dUMP
Deoxyuridine
Thioredoxin disulfide
DNA
dTTP
dTDP
dTMP
Thymidine
Thymine
2-Deoxy-D-ribose-1P
5-Methylcytosine
5-Methylbarbiturate
Methylmalonate
Dihydro-thymine
3-Ureidoisobutyrate
3-Amino-isobutanoate
Valine, leucine and isoleucine metabolism

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