

NUCLEOBASES, NUCLEOSIDES AND NUCLEOTIDES

2'-deoxyadenosine

3',5'-cyclic amp

3-methylthiopropylamine

5-(carboxymethylaminomethyl)uridine

5-hydroxymethyl-4-methyluracil

5-methylcytidine

7-methylguanine

adenosine

adenosine 3',5'-diphosphate

adenosine monophosphate

aica-riboside

cysteineglutathione disulfide

cytidine

cytidine 2',3'-cyclic phosphate

cytidine monophosphate

cytosine

dihydrouracil

guanine

guanosine

guanosine 3',5'-cyclic monophosphate

guanosine diphosphate

guanosine monophosphate

hypoxanthine

inosine

uracil

uridine

uridine 2',3'-cyclic phosphate

uridine 5'-diphosphate

uridine 5'-monophosphate

xanthine

ORGANIC ACIDS

2-methylcitric acid

3-(4-hydroxyphenyl)lactic acid
alpha-hydroxyisobutyric acid
fumerate
glutathione sulfonic acid, oxidized
glutathione, reduced
isocitrate
malate
succinate

VITAMINS, VITAMIN PATHWAYS

anthranilate
biotin aldehyde
dethiobiotin
nicotinamide
nicotinate

AMINO ACIDS AND DERIVATIVES

1-pyrroline-5-carboxylic acid
4-aminobutanoate
4-guanidinobutanoate
5-aminopentanoate
5-hydroxylysine
5-oxo-d-proline
aminoadipic acid
asymmetric dimethylarginine
betaine
citrulline
cysteineglutathione disulfide
dimethylglycine
gamma-glutamylcysteine
gamma-glutamylglutamic acid
homoserine
arginine
asparagine

aspartate
glutamic acid
glutamine
histidine
homoanserine
homo-L-arginine
isoleucine
isovalerylglucuronide
isovalerylglutamic acid
kynurenine
2,6-diaminoheptanedioate
leucine
lysine
methionine
o-acetyl-l-carnitine
ornithine
phenylalanine
proline
serine
threonine
tryptophan
tyrosine
valine
methionine sulfoxide
n1-acetylspermidine
n-acetyl-dl-glutamic acid
n-acetyl-dl-methionine
n-acetyl-l-alanine
n-acetyl-l-aspartic acid
n-acetyl-l-phenylalanine
n-acetyloronithine
n-lactoyl-tryptophan
n-methyl-d-aspartic acid
norleucine

ophthalmic acid
o-succinyl-l-homoserine
saccharopine
sarcosine
trans-4-hydroxyproline

CARBOHYDRATES

4-phospho-d-erythronohydroxamic acid
arabinonic acid
d-glucosamine 6-sulfate
d-glucose-6-phosphate
gluconic acid
glucosamine-1p
n-acetyl-d-glucosamine 6-phosphate
n-acetylneuraminic acid
sedoheptulose

Lipids and lipid-like molecules

1-(sn-glycero-3-phospho)-1d-myo-inositol
2,3-dihydroxyvaleric acid
2-hydroxy-3-methylpentanoic acid
2-isopropylmalic acid
3-hydroxy-3-methylglutarate
adipic acid
butyric acid
citramalate
dethiobiotin
glycerylphosphorylethanolamine
l-acetylcarnitine
maleamic acid
malonylcarnitine
mevalonic acid
neuraminic acid

PEPTIDES (PARTIAL LIST)

arg-asp

arg-glu

arg-gln

arg-gly

arg-his

arg-ile

arg-lys

arg-met

arg-pro

arg-ser

arg-thr

arg-val

asn-asp

asn-glu

asn-ile

asn-lys

asn-met

asn-phe

asn-pro

asn-thr

asn-try

aspn-tyr

asn-val

asp-pro

asp-phe

asp-tyr

carnosine

ala-ala

glu-ile-ser

glu-ile-val

gln-hydroxyproline

gln-ile

gln-thr

gln-ala
gln-thr
gln-try
glu-carnitine
glu-val-val
glyl-phe
gly-pro
gly-pro-hydroxyproline
gly-ser
gly-try
his-his
his-ile
his-met
his-pro
isoleucyl-isoleucine
isoleucyl-lysine
isoleucyl-methionine
isoleucylproline
isoleucyl-tyrosine
isoleucyl-valine
isovalerylglucuronide
isovalerylglutamic acid
leu-ala-asp
leu-ala-ser
leu-asp-ser
leucyl-phenylalanine
leu-gly-pro
leu-leu-gly
leu-thr-ala
leu-thr-ser
leu-val-ser
lysyl-lysine
lysyl-methionine
lysyl-phenylalanine

lysyl-proline
lysyl-serine
lysyl-threonine
lysyl-tyrosine
lysyl-valine
methionyl-serine
methionyl-threonine
phenylalanylproline
phenylalanyl-threonine
prolyl-threonine
prolyl-tryptophan
serylserine
serylthreonine
seryltryptophan
seryltyrosine
serylvaline
thr-ala-ser
threoninyl-tryptophan
threoninyl-tyrosine
tyrosyl-valine
val-ala-lys
val-asn-pro
val-val-val
valyl-phenylalanine
valyl-valine

OTHER

3-(2-hydroxyphenyl)propanoate
5-hydroxyindoleacetate
5-hydroxy-l-tryptophan
carnosine
choline
dihydrothymine
dihydrouracil

histamine
mevalolactone
phosphorylcholine
picolinic acid
serotonin
spermine