FATTY ACID DEGRADATION

Fatty acid biosynthesis
Fatty acid elongation
Glycerolipid metabolism
Hexadecanoate (Fatty acid)
1.2.1.48
16-Hexadecanal
1.1.1.192
16-Hexadecanol
6.2.1.3
Hexadecanoyl-CoA
CPT1
L-Palmitoyl-carnitine
CPT2
Hexa-decanoyl-CoA
1.3.3.6 1.3.99.- 1.3.8.7 1.3.8.8 1.3.8.9
trans-Hexadec-2-enoyl-CoA
4.2.1.17 4.2.1.74
(S)-3-Hydroxy-hexa-decanoyl-CoA
1.1.1.35 1.1.1.211
3-Oxo-hexa-decanoyl-CoA
2.3.1.16
CoA
Tetra-decanoyl-CoA
1.3.3.6 1.3.99.- 1.3.8.7 1.3.8.8 1.3.8.9
trans-Tetradec-2-enoyl-CoA
4.2.1.17 4.2.1.74
(S)-3-Hydroxy-tetra-decanoyl-CoA
1.1.1.35 1.1.1.211
3-Oxo-tetra-decanoyl-CoA
2.3.1.16
CoA
Dodecanoyl-CoA
1.3.3.6 1.3.99.- 1.3.8.7 1.3.8.8
trans-Dodec-2-enoyl-CoA
4.2.1.17 4.2.1.74
(S)-3-Hydroxy-dodecanoyl-CoA
1.1.1.35 1.1.1.211
3-Oxo-dodecanoyl-CoA
2.3.1.16
CoA
Decanoyl-CoA
1.3.3.6 1.3.99.- 1.3.8.7 1.3.8.8
trans-Dec-2-enoyl-CoA
4.2.1.17 4.2.1.74
(S)-3-Hydroxy-decanoyl-CoA
1.1.1.35 1.1.1.211
3-Oxo-decanoyl-CoA
2.3.1.16
CoA
Octanoyl-CoA
1.3.3.6 1.3.99.- 1.3.8.7 1.3.8.8
trans-Oct-2-enoyl-CoA
4.2.1.17 4.2.1.74
(S)-3-Hydroxy-octanoyl-CoA
1.1.1.35 1.1.1.211
3-Oxo-octanoyl-CoA
2.3.1.16
CoA
Hexanoyl-CoA
1.3.8.1 1.3.3.6 1.3.8.7 1.3.8.8 1.3.8.5 1.3.99.-
trans-Hex-2-enoyl-CoA
4.2.1.17 4.2.1.74
(S)-3-Hydroxy-hexanoyl-CoA
1.1.1.35 1.1.1.211
3-Oxo-hexanoyl-CoA
2.3.1.9 2.3.1.16
CoA
Glutarate
6.2.1.6
Glutaryl-CoA
1.3.8.6
Butanoyl-CoA
1.3.3.6 1.3.8.5 1.3.8.1 1.3.8.7 1.3.99.-
trans-But-2-enoyl-CoA
4.2.1.17
(S)-3-Hydroxy-butanoyl-CoA
1.1.1.35
Acetoacetyl-CoA
2.3.1.16 2.3.1.9
Long-chain-fatty acid
6.2.1.20
Long-chain acyl-[acyl-carrier protein]
[Acyl-carrier protein]
cis,cis-3,6-Dodecadienoyl-CoA
5.3.3.8
trans,cis-Lauro-2,6-dienoyl-CoA
(R)-3-Hydroxybutanoyl-CoA
5.1.2.3
(S)-3-Hydroxybutanoyl-CoA
Acetyl-CoA
Butanoate metabolism
Glyoxylate and dicarboxylate metabolism
Citrate cycle
Alkane
1.14.15.3
1.18.1.3
1.18.1.4
1.18.1.1
Rubredoxin (red)
Rubredoxin (ox)
1-Alcohol
1.1.1.1
1.1.99.20
Aldehyde
1.2.1.3
1.2.5.2
Fatty acid
1.14.15.3
1.14.14.80
1.14.14.1
ω-Hydroxy fatty acid
α-Hydroxy fatty acid

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