KEGG# **Description ATP** C00002 NAD+ C00003 C00004 NADH C00005 **NADPH** C00006 NADP+ **ADP** C00008 UDP C00015 C00016 FAD C00020 **AMP** C00024 Acetyl-CoA C00025 L-Glutamate **GDP** C00035 C00037 Glycine C00041 L-Alanine UDP-N-acetyl-D-glucosamine C00043 C00044 **GTP** C00047 L-Lysine C00049 L-Aspartate Adenosine 3',5'-bisphosphate C00054 C00055 CMP C00062 L-Arginine CTP C00063 C00064 L-Glutamine C00065 L-Serine C00073 L-Methionine C00075 UTP C00078 L-Tryptophan L-Phenylalanine C00079 C00082 L-Tyrosine C00097 L-Cysteine C00105 **UMP** C00112 CDP C00116 Glycerol C00123 L-Leucine C00131 dATP C00135 L-Histidine C00144 **GMP** C00148 L-Proline C00152 L-Asparagine C00183 L-Valine C00188 L-Threonine 10-Formyltetrahydrofolate C00234 dCMP C00239 C00249 Hexadecanoic acid C00255 Riboflavin C00286 dGTP Phosphatidylethanolamine C00350 C00360 dAMP

C00362

C00364

C00399

dGMP

dTMP

Ubiquinone

C00407 L-Isoleucine C00458 dCTP dTTP C00459 C00641 1,2-Diacyl-sn-glycerol C00748 Siroheme C01050 UDP-N-acetylmuramate Hexadecanoyl-[acp] C05764 C05890 Undecaprenyl-diphospho-N-acetylmuramoyl-(N-acetylglucosamine)-L-C05894 Undecaprenyl-diphospho-N-acetylmuramoyl-(N-acetylglucosamine)-L-Undecaprenyl-diphospho-N-acetylmuramoyl-(N-acetylglucosamine)-L-C05899 C05980 Cardiolipin C06040 Diglucosyl-diacylglycerol Heme O C15672

(2E)-Octadecenoyl-[acp]

C16221