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Abbreviations

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| 24(<i>E</i>)-ene-THC-CoA | 3 α ,7 α ,12 α -trihydroxy-5 β -cholest-24-en-26-oyl-CoA |
| 24-hydroxy-THC-CoA | 3 α ,7 α ,12 α ,24-tetrahydroxy-5 β -cholestan-26-oyl-CoA |
| 24-keto-THC-CoA | 3 α ,7 α ,12 α -trihydroxy-24-keto-5 β -cholestanoyl-CoA |
| ALDP | adrenoleukodystrophy protein |
| BCOX | branched-chain acyl-CoA oxidase |
| CACT | carnitine acylcarnitine translocase |
| CAT | carnitine acetyltransferase |
| COT | carnitine octanoyltransferase |
| CPT (I/II) | carnitine palmitoyltransferase (I/II) |
| DBP | D-bifunctional protein |
| DHA | docosahexaenoic acid |
| DHCA | dihydroxycholestandoic acid |
| ESI | electrospray ionization |
| EST | expressed sequence tag |
| GC | gas chromatography |
| HPLC | high performance liquid chromatography |
| LBP | L-bifunctional protein |
| LC | liquid chromatography |
| LCAD | long-chain acyl-CoA dehydrogenase |
| MBP | maltose-binding protein |
| MS | mass spectrometry |
| NALD | neonatal adrenoleukodystrophy |
| ORF | open reading frame |
| PAGE | polyacrylamide gel electrophoresis |
| PCR | polymerase chain reaction |
| PEX | peroxin |
| PTS | peroxisome targeting signal |
| RCDP | rhizomelic chondrodysplasia punctata |
| SCOX | straight-chain acyl-CoA oxidase |
| SCP2 | sterol carrier protein-2 |
| SCPx | sterol carrier protein X |
| SDS | sodium dodecylsulfate |
| THCA | trihydroxycholestandoic acid |
| THC-CoA | trihydroxycholestanoyl-CoA |
| VLCAD | very long-chain acyl-CoA dehydrogenase |
| VLCFA | very long-chain fatty acids |
| XALD | X-linked adrenoleukodystrophy |