LIPID PATHWAYS

Cayman CHEMICAL

Fatty Acyls (Eicosanoids)
Glycerolipids
Glycerophospholipids
Sphingolipids
Sterol Lipids
Prenol Lipids

AGPAT (LPAAT)
LysoPA
Glycerone-P
GLYCOLYSIS
Acetyl-CoA
HMGCR
Mevalonate
PLA2
Autotaxin
FASN
β-OXIDATION
LPCAT1/2
Phosphatidic Acid
Lysoglycerophospholipids
PAF
Palmitoyl-CoA
Palmitoyl-CoA (mitochondria)
PLA2
Elongase
Desaturase
LPAT (LPCAT)
CPT1
CPT2
MVK
DGK
PLA2
NOT IN ANIMALIA
N-Acyltransferase
Glycerophospholipids
LPAT (MBOAT)
Linoleoyl-CoA
Palmitoyl-Carnitine
Isopentenyl-PP
PAP
Elongase
Desaturase
PLC
MGAT
PLA2
SQS
FDPS
N-Acyl-PE
Diglycerides
Monoglycerides
Arachidonoyl-CoA
Cholesterol
DAGL
PLD
DGAT
MAGL
ACOT
ACSL
GGPS
Anandamide
Triglycerides
Farnesyl-PP
Ubiquinone
TGL
ATGL
Arachidonic Acid
COOH
CEH
ACAT (SOAT)
CYP11A
CYP7A1
Cholesterol Esters
Bile Acids
Steroid Hormones
PGD2
PGDS
COX-1/2
SPT
12-LO
CYP4A/F
PGES
PGE2
PGH2
5-HpETE
12-HpETE
20-HETE
CerS
Sphinganine
CDase
Dihydroceramide
5-LO/FLAP
5-LO/FLAP
DES
TXAS
GPX
GPX
PGFS
CerS
SMS
PGF2α
TXA2
LTA4
5-HETE
12-HETE
CYP2/4
EETs
Sphingosine
Ceramide
Sphingomyelin
PGIS
CDase
SMase
LTA4H
15-LO
Epoxide Hydrolase
S1PP
SphK
UGT8
GALC
Prostacyclin
TXB2
LTB4
LTC4S
15-HpETE
DiHETs
S1P
GalCer
Sulfatides
GBA
S1P Lyase
GPX
UGCG
GGT
Dipeptidase
6-keto PGF1α
LTC4
LTD4
LTE4
15-HETE
Hexadecenal
Ethanolamine-P
GlcCer
Gangliosides

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