COMPONENTS

分析可能な成分

網羅的代謝産物分析（LC-MS/MS）で分析可能な一次代謝物の一覧です。

一次代謝物（102種類）

分類	成分
TCA回路	2-Ketoglutaric acid, Citric acid, Fumaric acid, Isocitric acid, Malic acid, Pyruvic acid, Succinic acid
メチオニン回路	Cystathionine, Cystine, Homocysteine, Homocystine, S-Adenosylhomocysteine, S-Adenosylmethionine
アミノ酸	Alanine, Arginine, Asparagine, Aspartic acid, Cysteine, Glutamic acid, Glutamine, Glycine, Histidine, Isoleucine, Leucine, Lysine, Methionine, Phenylalanine, Proline, Serine, Threonine, Tryptophan, Tyrosine, Valine
アミノ酸関連化合物	2-Aminobutyric acid, 4-Hydroxyproline, Argininosuccinic acid, Asymmetric dimethylarginine, Carnosine, Citrulline, Creatine, Creatinine, Dimethylglycine, Glutamylcysteine, Glutathione, Kynurenine, Ophthalmic acid, Ornithine, Oxidized glutathione, Symmetric dimethylarginine, Urocanic acid
有機酸	4-Hydroxybenzoic acid, Cholic acid, Lactic acid, Mevalonic acid, Phenyllactic acid, Phenylpyruvic acid, Taurocholic acid
核酸関連化合物	Adenine, Adenosine, Adenosine 3′,5′-cyclic monophosphate, Adenosine monophosphate, Adenylosuccinic acid, AICAR, Cytidine, Cytidine 3′,5′-cyclic monophosphate, Cytidine monophosphate, Cytosine, Guanine, Guanosine, Guanosine 3′,5′-cyclic monophosphate, Inosine, Orotic acid, Thymidine, Thymidine monophosphate, Thymine, Uracil, Uric acid, Uridine, Xanthine
神経伝達物質	3,4-Dihydroxyphenylacetaldehyde, 4-Aminobutyric acid, Acetylcholine, Dihydroxyphenylacetic acid, Dopa, Dopamine, Epinephrine, Histamine, Norepinephrine, Serotonin, Tyramine
ビタミン・補酵素	Choline, FAD, FMN, Folic acid, NAD, Niacinamide, Nicotinic acid, Pantothenic acid, PLP
その他	Acetylcarnitine, Carnitine, Citicoline