

## LCMS基本解析 標品リファレンス化合物リスト(293種)

一次代謝物 101種類			二次代謝物 192種類			
acetylCoA	Hydroxyproline	Xanthine	(-)-Epicatechin	Amentoflavone	Genkwanin	Neohesperidin
Adenine	Hypoxanthine		(-)-Epicatechin gallate	Apigenin-7-O-glucoside	Geraldol	Neohesperidin dihydrochalcone
Adenosine	IMP		(-)-Epigallocatechin	Asiaticoside	Ginsenoside Rb1	Nordalbergin
ADP	Inosine		(-)-Epigallocatechin 3-(3"-O-methyl) gallate	Baicalein-5,6,7-Trimethylether	Ginsenoside Rb3	O-Acetylcolumbianetin
Alanine	Isocitrate		(-)-Epigallocatechin gallate	Baicalein-5,6,7-Trimethylether & 4',6,7-Trimethoxyisoflavone	Ginsenoside Re	Pelargonidin
AMP	Isoleucine		(-)-Galocatechin	Bavachinin A	Ginsenoside Rg1	Peonidin
Arginine	Kynurenine		(-)-Galocatechin gallate	Bergamotin	Ginsenoside Rh1	Peonidin-3-O-glucoside
Ascorbate	Lactate		(-)-Homoeriodictyol	Bergapten	Glycitein	Petunidin
Asparagine	Leucine		(+)-Catechin	Biochanin A	Glycitin	Petunidin-3-O-glucoside
Asparticacid	Lysine		(+/-)-Equol	Biochanin A & Genkwanin	Glycyrrhizic	Phloretin
Betaine	Malate		(+/-)-Taxifolin	Butein	Gossypetin	Pinocembrin-7-methylether & 2',6'-Dihydroxy-4'-methoxychalcone
Biotin	Malonicacid		2,3-Dimethoxy-2'-hydroxychalcone	Caulophyllogenin	Gossypetin-3,3',4,7-tetramethylether	Pratol
Caffein	Methionine		2',4',6',3,4-Pentahydroxychalcone	Chalcone	Hederacoside C	Psoralen
Carnitine	NAD+		2',6'-Dihydroxy-4,4'-dimethoxy-dihydrochalcone	Chrysanthellin A	Herbacetin	Quercetagenin
CDP	NADP+		2',6'-Dihydroxy-4'-methoxychalcone	Chrysanthellin B	Hesperetin	Quercetin 3,4'-diglucoside
CDP-choline	Nicotinamide		2',6'-Dihydroxy-4-methoxychalcone-4'-O-neohesperidoside	Chrysin	Hinokiflavone	Quercetin-3-O-beta-D-glucopyranosyl-6"-acetate
Chlorogenate	Nicotinate		2-Hydroxychalcone	Chrysoeriol	Homobutein	Rhamnetin
Choline	Norleucine		3',4',5,5',6,7-Hexamethoxyflavone	Coumarin	Hyperoside	Rhoifolin
Citrate	Norvaline		3',4',5',5,7-Pentamethoxyflavone	Cucurbitacin E	Isoliquiritigenin	Robinetinidin
Citrulline	Ornithine		3',4',7,8-Tetrahydroxyflavone	Cupressuflavone	Isorhamnetin	Robinin
CMP	Pantetheine		3',4',7,8-Tetramethoxyflavone	Cyanidin	Isorhamnetin-3-glucoside	Saikosaponin C
Creatine	Phenylalanine		3',4',7-Trihydroxyisoflavone	Cyanidin-3-O-glucoside	Isorhamnetin-3-O-rutinoside	Sakuranetin
Creatinine	Phosphocholine		3',4',7-Trimethoxyflavone	Cyanin	Isosakuranetin	Saponarin
CTP	Porphobilinogen		3',4'-Dihydroxyflavone	Daidzein	Isosakuranetin & Sakuranetin	Sciadopitysin
Cyanocobalamin	Proline		3,4-Dimethoxychalcone	Datiscetin	Isovitexin	Silybin
cyclicAMP	Pyridoxine		3,5,7-Trihydroxy-3',4',5'-trimethoxyflavone	Datiscoside	Kaempferide	Stevioside
cyclicTMP	Pyroglutamate		3',5,7-Trihydroxy-3,4'-dimethoxyflavone	Deacylgymnemic acid	Kaempferol	Sulfuretin
Cytidine	Quinate		4',6,7-Trimethoxyisoflavone	Delphinidin	Kaempferol-3,7,4'-trimethylether	Syringetin
Cytosine	Riboflavin		4',7-Dimethoxyisoflavone	Delphinidin 3-rutinoside	Kaempferol-3,7-di-O-rhamnoside	Syringetin-3-O-galactoside
dAMP	Saccharopine	4-Deoxyphloridzin	Delphinidin-3-O-glucoside	Kaempferol-3-O-galactosyl-7-O-rhamnoside	Tamarixetin	
dCMP	S-adenosylmethionine	4'-Hydroxychalcone	Didymin	Kaempferol-3-O-glucoside	Tannic acid	
Dethiobiotin	Serine	4'-Hydroxyflavanone	Dihydrodaidzein	Kaempferol-3-O-glucosyl-7-O-rhamnoside	Tectochrysin	
dGMP	Spermidine	4'-Methoxyflavanone	Dihydrorobinetin	Kaempferol-7-O-rhamnoside	Tectoridin	
dTMP	Spermine	5,6-Benzoflavone	Diosmetin	Licochalcone A	Tectorigenin	
Folate	Stachydrine	5,7,8-Trihydroxyflavone	Diosmetin & Chrysoeriol	Liquiritigenin	Tectorigenin 7-O-xylosylglucoside	
Fumarate	Succinate	5,7-Dihydroxy-3',4',5'-trimethoxyflavanone	Diosmetinidin	Luteolin	Tilioside	
GABA	Taurine	5,7-Dihydroxy-3',4',5'-trimethoxyflavone	Echinocystic acid-3-glucoside	Luteolin tetramethylether	Tomatine	
gamma-Glutamylcysteine	Theanine	5,7-Dimethoxyflavanone	Eriodictyol	Luteolin-3',7-di-O-glucoside	Vitexin	
GDP	Theophylline	5-Deoxykaempferol	Eriodictyol-7-O-glucoside	Luteolinidin	Vitexin-2"-O-rhamnoside	
Glutamicacid	Thiamine	5-Hydroxyflavone	Eupatorin	Madecassoside	Xanthohumol	
Glutamine	Threonate	6,7-Dihydroxyflavone	Fisetin	Malvidin	Xanthotoxin	
Glutathione	Thymidine	6-Hydroxygenistein 6,7-diglucoside	Fisetinidin	Malvidin 3-glucoside	Xanthotoxol	
Glutathionedisulfide	Thymine	6-Methoxyluteolin	Flavanone	Morin		
Glycerate	Tryptophan	7,8-Dihydroxyflavone	Formononetin	Myricetin		
Glycerophosphocholine	Tyrosine	7,8-Dimethoxyflavone	Fraxetin	Naringenin		
Glycine	UMP	7-Hydroxy-5-methylflavone	Fustin	Naringenin chalcone		
GMP	Uracil	7-Hydroxyflavanone	Galangin	Naringenin chalcone & Butein		
Guanine	Urate	alpha-Chaconine	Gardenin A	Naringenin chalcone & Naringenin		
Guanosine	Uridine	alpha-Hederin	Genistein	Naringenin-7-O-glucoside		
Histidine	Valine	alpha-Solanine	Genistein & Apigenin	Neoeriocitrin		