

Widely-targeted metabolomics Database in Plants (MWDB V4.4)

Types	Number	Representative compounds
Flavonoids	3700+	Rutin, Phloretin, Phelligrin A, Hesperetin, Licorice glycoside A, Pelargonidin-3-O-glucoside, Ginkgetin, Formononetin, Theaflavin
Phenolic acids	2100+	Chlorogenic acid, Momordicoside A, Oleuropein, Salvianolic acid A, Tatariside A, Veratric acid, Salidroside, Parishin B, Magnoloside A, Vanillic acid
Alkaloids	7000+	α -Solanine, Verticine, Nuciferine, Stachydrine, Matrine, Camptothecin, Arecoline, DIMBOA, Avenanthramide A, Lycorenine
Terpenoids	8000+	Artemisinin, Genipin, Paclitaxel, Wilforlide A, Protopanaxdiol, Saikosaponin A, Cucurbitacin B, Crocin I, Cyclocarioside I, Ecliptasaponin A
Quinones	700+	Emodin, Obtusin, Lapachone, Shikonin, Tectograndone, Morindaparvin A, Aloesin, 5-Hydroxydigitolutein, Trijuganone A
Steroid	1300+	Asparagoside C, Polyphyllin I, Timosaponin A-III, Gracillin, Sarsasapogenin, Tigogenin, Digitonin, Oleandrin
Tannins	240+	Ellagic acid, Gemin D, Casuariin, Punicalin, Chebulagic acid, 1,3,6-Tri-O-galloylglucose, Chebulanin, Tellimagrandin I
Ligans	1000+	Honokiol, Syringaresinol, Arctigenin, Pinoresinol, Schisanhenol, Sesamin, Chestnutlignansoide, Trachelogenin, Fargesin, Isolariciresinol
Glucosinolates	150+	Sulforaphane, Gluconasturtiin, Sinalbin, Glucocheirolin, Glucoraphanin, 4-Hydroxy-3-indolylmethyl glucosinolate, Sinigrin, 4-Methylsulfinyl-3-Butenyl Glucosinolate
Coumarins	800+	Umbelliprenin, Psoralen, Glycycoumarin, Xanthotoxol, Scopolin, Bengenin, Bergapten, Decursinol, Dihydrocoumarin
Organic acids	270+	Succinic acid, Malic acid, Citric Acid, Quinic Acid, Abscisic acid, Tartaric acid, Shikimic acid, Aconitic Acid, Salicylic acid, Cinnamic acid, Maleic acid
Vitamins	50+	Vitamin C, Vitamin B2, Vitamin A1, Vitamin U, Ginkgotoxin, Nicotinic acid, Nicotinamide, Retinol, Vitamin D3, Tocotrienol
Amino acids and derivatives	540+	Tryptophan, Theanine, Beauvericin, Dencichin, Heterophyllin, Saccharopine, Alliin, Dopa, S-Adenosylmethionine, γ -Glu-Cys
Nucleotides and derivatives	120+	Adenine, Cytosine, Thymine, Inosine, Eritadenine, Xanthosine, Cordycepin, Sepiapterin, Adenosine 5'-monophosphate
Saccharides and Alcohols	340+	Glucose, Fructose, Sucrose, Fucose, Xylitol, Rhamnose, Maltose, Raffinose, Allitol, Mannitol
Lipids	500+	Linolenic acid, 4-Hydroxysphinganine, Lauric acid, Myristic Acid, Palmitic acid, Arachidonic Acid, Stearic Acid
Others	3200+	Aflatoxin B1, Secoxyloganin, Kavain, Terreic acid, Mansonone E, Litchiol A, Myricanol, Safranal, Bruceine A, Gambogic acid
Sum up	30000+	