

**Supplementary Table 3** The main metabolites and differential metabolites of *B. ramiflora* [1].

<b>Class</b>	<b>Major metabolites</b>	<b>Differential metabolites</b>
Carbohydrates	L-Sorbose	Nystose
	D-(+)-glucose	D-(+)-glucose
	Bis(methylbenzylidene)sorbitol	Sibiricose a3
Organic acids	Citric acid	-
Alcohols		D-(-)-quinic acid
Amino acids	L-phenylalanine	-
	L-tyrosine	-
	DL-arginine	-
Amino acid derivatives	-	Gabapentin
Fatty acids	Oleamide	Farnesyl acetate
	A-eleostearic acid	Eicosapentaenoic acid
	Corchorifatty acid f	Jasmonic acid
		Corchorifatty acid f
Flavonoids	Rhusflavanone	Phloridzin
	Procyanidin B1	Engeletin
	(+)-Catechin hydrate	Hesperidin
		Rhusflavanone
Phenol	Forsythoside E	Lauryl gallate
	Helicid	-
	Androsin	-
Phenolic acids	Isobutyl 4-hydroxybenzoate	Ethyl ferulate
	Ethylparaben	-
	Paeonolide	-
Phenylpropanoids	Peucedanol	Caftaric acid
	Rosavin	-
	Decursinol	-
Prenol lipids	-	D- $\delta$ -tocopherol
Steroids	5 $\alpha$ -dihydrotestosterone	-
Terpenoids	Atractyloside A	Rosamultin
	Atractylenolide II	$\alpha$ -Hederin
	Lupeol	Lupenone
		Dihydrocucurbitacin F
Vitamins	Pantothenic acid	-
	dl-Thioctic acid	-

[1] Chen J, Wu F, Wang H, Guo C, Zhang W, et al. 2023. Identification of key taste components in *Baccaurea ramiflora* Lour. fruit using non-targeted metabolomics. *Food Science and Human Wellness* 12:94–101  
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