

**Supplementary Table 2** Mass information of the identified ginkgolic acids and 4'-O-methylpyridoxine in the studied ginkgo kernels using mass spectrometry.

Name	Formula	Adduct	Mass (Da)	Extraction Mass (Da)	Error (ppm)	Isotope	Found At RT (min)	Intensity
Ginkgolic acid C15:1	C <sub>22</sub> H <sub>34</sub> O <sub>3</sub>	-H	346.2508	345.2435	0.7	0	19.6	31086
Ginkgolic acid C13:0	C <sub>20</sub> H <sub>32</sub> O <sub>3</sub>	-H	320.4733	320.1297	4	0	10.16	5500
Ginkgolic acid C17:1	C <sub>24</sub> H <sub>38</sub> O <sub>3</sub>	-H	374.2665	373.2592	1	0	20.2	1096
4'-O-methylpyridoxine	C <sub>9</sub> H <sub>13</sub> NO <sub>3</sub>	-H	183.4273	183.2041	3	0	12.4	44983