**SUPPLEMENTARY TABLE∣**The identified integrdients in CHB-II-F by UHPLC-HR-ESI-MS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Structure/Name (no.) | FW | MW | ESI ion peaks in Herb | ESI ion peaks in Formula |
| tR (min) | ESI+ \* | ESI- | tR (min) | ESI+ \* | ESI- |
| naringin | C27H32O14 | 580 | 21.20 | 581.1851 | 579.1715 | 22.21 | 581.1851 | 579.1715 |
| hesperidin | C28H34O15 | 610 | 22.81 | 611.1945 | 609.1828 | 23.70 | 611.1946 | 609.1829 |
| 5,7,8,4'-tetramethoxyflavone | C19H18O6 | 342 | 35.28 | 343.1171 |  | 35.32 | 343.1171 |  |
| nobiletin | C21H22O8 | 402 | 35.88 | 403.1383 |  | 35.90 | 403.1383 |  |
| 3,5,6,7,8,3',4'- heptamethoxyflavone | C22H24O9 | 432 | 36.25 | 433.1483 |  | 36.25 | 433.1474 |  |
| tangeretin | C20H20O7 | 372 | 36.50 | 373.1269 |  | 36.50 | 373.1266 |  |
| phenylalanine | C9H11NO2 | 165 | 6.61 | 166.0861 |  | 6.71 | 166.0860 |  |
| salvianic aid A | C9H10O5 | 198 | 8.32 |  | 197.0444 | 8.31 |  | 197.0444 |
| protocatechualdehyde | C7H6O3 | 138 | 12.63 | 139.0385 | 137.0233 | 12.57 | 139.0388 | 137.0233 |
| caffeic acid | C9H8O4 | 180 | 15.20 | 181.0491 | 179.0341 | 15.17 | 181.0490 | 179.0341 |
| lithospermic acid | C27H22O12 | 538 | 23.10 | 539.1176 | 537.1027 | 23.07 | 539.1172 | 537.1050 |
| rosmarinic acid | C18H16O8 | 360 | 25.21 | 361.0900 | 359.0778 | 25.20 | 361.0915 | 359.0775 |
| salvianolic acid B | C36H30O16 | 718 | 27.40 | 719.1584 | 717.1470 | 27.32 | 719.1580 | 717.1467 |
| tanshinone IIA | C19H18O3 | 294 | 35.64 | 295.0963 |  | 35.51 | 295.0961 |  |
| cryptotanshinone | C19H20O3 | 296 | 36.69 | 297.1471 |  | 36.71 | 297.1482 |  |
| dihydrotanshinone I | C18H14O3 | 278 | 37.38 | 279.1005 |  | 37.39 | 279.1013 |  |
| tangshenoside I | C29H42O18 | 678 | 16.85 | 701.2422 [M+Na]+ | 677.2306 |  | 701.2238 [M+Na]+ | 677.2307 |
| tangshenoside II | C17H24O9 | 372 | 17.83 |  | 371.0987 | 17.81 |  | 371.0986 |
| kukoamine B | C20H28O8 | 396 | 25.33 | 419.1670 [M+Na]+ |  | 25.29 | 419.1670 [M+Na]+ |  |
| thalictrine | C20H23NO2 | 341 | 13.37 | 342.1685 | 340.1558 | 13.90 | 342.1695 [M]+ | 340.1553 |
| spinosin | C28H32O15 | 608 | 19.28 | 609.1796 | 607.1667 | 19.25 | 609.1786 | 607.1661 |
| nicotinic acid | C6H5NO2 | 123 | 3.41 | 124.0393 |  | 3.36 | 124.0391 |  |
| pingpeimine B | C27H45NO6 | 479 | 10.00 | 480.3305 |  | 10.35 | 480.3325 |  |
| pingpeimine A | C27H45NO5 | 463 | 10.12 | 464.3364 |  | 10.50 | 464.3360 |  |
| pingpeimine C | C27H43NO6 | 477 | 11.23 | 478.3146 |  | 11.60 | 478.3142 |  |
| peimisine | C27H41NO3 | 427 | 19.51 | 428.3145 |  | 19.97 | 428.3160 |  |
| peimine | C27H45NO3 | 431 | 20.26 | 432.3454 |  | 20.74 | 432.3470 |  |
| peiminine | C27H43NO3 | 429 | 21.31 | 430.3293 |  | 21.83 | 430.3306 |  |

\* [M+H]+, if it is not specified.