**Table S9. The common components found in all three SHL preparation forms with VIP scores > 1.00**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Compound** | **ESI mode** | **VIP score** |
| 1 | C29H51F3N4P4 | + | 1.0331 |
| 2 | C25H33F12P | + | 1.0546 |
| 3 | C15H14F6NO | - | 1.0340 |
| 4 | C25H30N12O4P2 | - | 1.0401 |
| 5 | C30H37FN9O4P2 | - | 1.0687 |
| 6 | Hispidulin 7-glucuronide | + | 1.0922 |
| 7 | C35H42N15O7P2 | - | 1.1020 |
| 8 | C14H24F4OP2 | - | 1.1125 |
| 9 | C20H22N2O6P2 | - | 1.1156 |
| 10 | 5,3'-Dihydroxy-7,4'-dimethoxy-4-phenylcoumarin | + | 1.1253 |
| 11 | C31H45F2N4O7P2 | + | 1.1483 |
| 12 | C26H32FNO7P | - | 1.1504 |
| 13 | C27H27F3N13O4 | - | 1.1578 |
| 14 | Danielone | + | 1.1612 |
| 15 | Rutin | + | 1.1776 |
| 16 | Methyl caffeate | + | 1.1851 |
| 17 | Piperonal | + | 1.1863 |
| 18 | Apigenin 7-(3'',4''-diacetylglucoside) | + | 1.2207 |
| 19 | C52H58F11O7PSi | - | 1.2496 |
| 20 | C30H48F2NO2 | - | 1.2897 |
| 21 | C26H36F8N14P2 | - | 1.2929 |
| 22 | Forsythin | + | 1.3154 |
| 23 | C25H15N10OP3 | + | 1.3235 |
| 24 | C28H57F3NO3P8Si | - | 1.3377 |
| 25 | Tagetiin | - | 1.3684 |
| 26 | C25H32N5O2P4 | + | 1.3785 |
| 27 | Luteolin-7-O-glucoside | + | 1.3946 |
| 28 | C27H45P5 | - | 1.3948 |
| 29 | Plumieride | + | 1.3970 |
| 30 | C24H32F5N5O4P | - | 1.3990 |
| 31 | 1-Monopalmitin | + | 1.4039 |
| 32 | C12H27N | + | 1.4057 |
| 33 | Tarennoside | + | 1.4142 |
| 34 | Isofurcatain 7-O-glucoside | + | 1.4161 |
| 35 | Paeonilactone B | + | 1.4188 |
| 36 | C17H21F3O3 | - | 1.4276 |
| 37 | Arg-Glu-Glu | - | 1.4277 |
| 38 | Asp-Arg-Pro | - | 1.4343 |
| 39 | Isovitexin | + | 1.4445 |
| 40 | Pro-Trp-Asp | + | 1.4511 |
| 41 | C21H39F5N4P2 | + | 1.4568 |