|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Starting material | Yield | Molecular formula | Mass Spectrometry |
|  | mg / mmol | % |  | Calcd | Found |
| **10 a** | 350 / 1.19 | 89 | C15H23N7O3Na (M+Na)+ | 372,1760 | 372,1896 |
| **10 b** | 400 / 1.30 | 78 | C16H25N7O3H (M+H)+ | 364,2097 | 364,2098 |
| **10 c** | 385 / 1.20 | 82 | C17H27N7O3Na (M+Na)+ | 400,2073 | 400,2354 |
| **10 d** | 410 / 1.28 | 81 | C17H25N7O3H (M+H)+ | 376.2097 | 376.2206 |
| **10 e** | 400 / 1.20 | 79 | C18H27N7O3H (M+H)+ | 390.2254 | 390.3021 |
| **10 f** | 240 / 0.78 | 75 | C16H25N7O3Na (M+Na)+ | 386,1917 | 386,2256 |
| **10 g** | 270 / 0.84 | 79 | C17H27N7O3H (M+H)+ | 378,2254 | 378,2386 |
| **11** | 360 / 1.21 | 86 | C14H20N6O3SNa [M+Na]+ | 375.1215 | 375.1905 |
| **12** | 235 / 0.80 | 71 | C14H19N7O4Na [M+Na]+ | 372.1396 | 372.1518 |
| **13a** | 360 / 1.03 | 68 | C36H41N7O5Na (M+Na)+ | 674.3067 | 674.3197 |
| **13b** | 355 / 0.98 | 67 | C37H43N7O5Na (M+Na)+ | 688.3223 | 688.3106 |
| **13c** | 362 / 0.96 | 75 | C38H45N7O5Na (M+Na)+ | 702.3380 | 702.3352 |
| **13d** | 350 / 0.93 | 71 | C38H43N7O5Na (M+Na)+ | 700.3223 | 700.3156 |
| **13e** | 310 / 0.80 | 69 | C39H45N7O5Na (M+Na)+ | 714.3380 | 714.3235 |
| **13f** | 205 / 0.56 | 71 | C37H43N7O5Na (M+Na)+ | 688.3223 | 688.3274 |
| **13g** | 240 / 0.64 | 75 | C38H45N7O5H (M+H)+ | 680.3560 | 680.3429 |
| **14** | 355 / 1.01 | 69 | C35H38N6O5SNa [M+Na]+ | 677.2522 | 677.2455 |
| **15** | 190 / 0.54 | 72 | C35H37N7O6Na [M+Na]+ | 674.2703 | 674.2810 |