Electronic Supplementary Material (ESI) for Physical Chemistry Chemical Physics.


**Multicomponent ionic liquid CMC prediction**

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| IL original name | Cation $V_m$ | Anion $V_m$ | $V_m$ | Cation $\hat{S}$ | Anion $\hat{S}$ | $\hat{S}$ | Cation $\Delta_{solv}G^{\circ\circ}$ | Anion $\Delta_{solv}G^{\circ\circ}$ | $\Delta_{solv}G^{\circ\circ}$ | Salt Type | $C_s$ (salt conc) | $V_{ms}$ | Cation $V_{ms}$ | Anion $V_{ms}$ | Alcohol Type | $V_{ma}$ | $C_a$ (alc conc) | Temperature | ln(CMC) | Ref |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| unit | [nm$^3$] | [nm$^3$] | [nm$^3$] | [nm$^2$] | [nm$^2$] | [nm$^2$] | [kJ×mol$^{-1}$] | [kJ×mol$^{-1}$] | [kJ×mol$^{-1}$] | | mM | [nm$^3$] | | | | [nm$^3$] | mM | K | mM | |
| [N1,1,1,8]Br | 275.7800 | 42.2100 | 317.9900 | 265.0200 | 58.6300 | 323.6500 | -223.6250 | -325.3283 | -548.9533 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 5.1456 | [1] |
| [N1,1,1,10]Cl | 319.7600 | 36.0900 | 355.8500 | 305.2100 | 52.8100 | 358.0200 | -225.4360 | -342.0077 | -567.4437 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 4.4110 | [1] |
| [N1,1,1,10]Br | 319.7600 | 42.2100 | 361.9700 | 305.2100 | 58.6300 | 363.8400 | -225.4360 | -325.3283 | -550.7643 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 4.1212 | [1] |
| [N1,1,1,12]Cl | 363.6500 | 36.0900 | 399.7400 | 345.7600 | 52.8100 | 398.5700 | -226.6112 | -342.0077 | -568.6189 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 3.0204 | [1] |
| [N1,1,1,12]Br | 363.6500 | 42.2100 | 405.8600 | 345.7600 | 58.6300 | 404.3900 | -226.6112 | -325.3283 | -551.9395 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 2.6844 | [1] |
| [N1,1,1,14]Cl | 407.5900 | 36.0900 | 443.6800 | 385.7400 | 52.8100 | 438.5500 | -228.3393 | -342.0077 | -570.3470 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 1.7126 | [1] |
| [N1,1,1,14]Br | 407.5900 | 42.2100 | 449.8000 | 385.7400 | 58.6300 | 444.3700 | -228.3393 | -325.3283 | -553.6676 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 1.2947 | [1] |
| [N1,1,1,16]Cl | 451.5900 | 36.0900 | 487.6800 | 425.8500 | 52.8100 | 478.6600 | -229.4797 | -342.0077 | -571.4874 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 0.3221 | [1] |
| [N1,1,1,16]Br | 451.5900 | 42.2100 | 493.8000 | 425.8500 | 58.6300 | 484.4800 | -229.4797 | -325.3283 | -554.8080 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | -0.1054 | [1] |
| [N1,1,1,18]Cl | 495.7000 | 36.0900 | 531.7900 | 466.3400 | 52.8100 | 519.1500 | -231.0447 | -342.0077 | -573.0524 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | -1.0498 | [1] |
| [C2MIm]Br | 156.8300 | 42.2100 | 199.0400 | 162.7300 | 58.6300 | 221.3600 | -208.6119 | -325.3283 | -533.9402 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 7.6962 | [1] |
| [C4MIm]Br | 200.6800 | 42.2100 | 242.8900 | 202.8200 | 58.6300 | 261.4500 | -207.7512 | -325.3283 | -533.0795 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 6.7452 | [1] |
| [C4MIm][BF4] | 200.6800 | 70.5200 | 271.2000 | 202.8200 | 88.1800 | 291.0000 | -207.7512 | -271.3669 | -479.1182 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 6.9044 | [1] |
| [C4MIm][CF3SO3] | 200.6800 | 116.7300 | 317.4100 | 202.8200 | 126.2200 | 329.0400 | -207.7512 | -271.8069 | -479.5581 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 6.6619 | [1] |
| [C4MIm][C8SO4] | 200.6800 | 253.5700 | 454.2500 | 202.8200 | 239.1300 | 441.9500 | -207.7512 | -324.1386 | -531.8899 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 3.5766 | [1] |
| [C6MIm]Cl | 244.5600 | 36.0900 | 280.6500 | 243.0900 | 52.8100 | 295.9000 | -209.8035 | -342.0077 | -551.8112 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 6.8024 | [1] |
| [C6MIm]Br | 244.5600 | 42.2100 | 286.7700 | 243.0900 | 58.6300 | 301.7200 | -209.8035 | -325.3283 | -535.1318 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 6.4457 | [1] |
| [C8MIm]Cl | 288.0100 | 36.0900 | 324.1000 | 283.4300 | 52.8100 | 336.2400 | -210.9526 | -342.0077 | -552.9603 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 5.1780 | [1] |
| [C8MIm]Br | 288.0100 | 42.2100 | 330.2200 | 283.4300 | 58.6300 | 342.0600 | -210.9526 | -325.3283 | -536.2809 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 5.0639 | [1] |
| [C8MIm]I | 288.0100 | 52.3100 | 340.3200 | 283.4300 | 67.6400 | 351.0700 | -210.9526 | -303.3682 | -514.3208 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 4.8283 | [1] |
| [C9MIm]Br | 310.3900 | 42.2100 | 352.6000 | 303.6900 | 58.6300 | 362.3200 | -211.7274 | -325.3283 | -537.0557 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 3.8712 | [1] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 3.9094 | [1] |
| [C10MIm]Br | 332.5300 | 42.2100 | 374.7400 | 323.9700 | 58.6300 | 382.6000 | -212.3430 | -325.3283 | -537.6713 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 3.5946 | [1] |
| [C12MIm]Cl | 376.6200 | 36.0900 | 412.7100 | 364.2500 | 52.8100 | 417.0600 | -213.9581 | -342.0077 | -555.9658 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 2.5119 | [1] |
| [C12MIm]Br | 376.6200 | 42.2100 | 418.8300 | 364.2500 | 58.6300 | 422.8800 | -213.9581 | -325.3283 | -539.2864 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 2.1991 | [1] |
| [C12MIm][BF4] | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 2.1282 | [1] |
| [C14MIm]Cl | 420.4700 | 36.0900 | 456.5600 | 404.4700 | 52.8100 | 457.2800 | -215.3774 | -342.0077 | -557.3851 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 1.2409 | [1] |
| [C14MIm]Br | 420.4700 | 42.2100 | 462.6800 | 404.4700 | 58.6300 | 463.1000 | -215.3774 | -325.3283 | -540.7057 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 0.9361 | [1] |
| [C16MIm]Cl | 463.9400 | 36.0900 | 500.0300 | 445.0100 | 52.8100 | 497.8200 | -216.6636 | -342.0077 | -558.6713 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 0.0100 | [1] |
| [C16MIm]Br | 463.9400 | 42.2100 | 506.1500 | 445.0100 | 58.6300 | 503.6400 | -216.6636 | -325.3283 | -541.9919 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | -0.3759 | [1] |
| [C18MIm]Cl | 507.4200 | 36.0900 | 543.5100 | 484.6500 | 52.8100 | 537.4600 | -218.3704 | -342.0077 | -560.3781 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | -0.9163 | [1] |
| [C8Py]Cl | 282.3300 | 36.0900 | 318.4200 | 276.3100 | 52.8100 | 329.1200 | -214.1424 | -342.0077 | -556.1501 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 5.6131 | [1] |
| Na[C8SO4] | 78.8400 | 253.5700 | 332.4100 | 88.9100 | 239.1300 | 328.0400 | 0.0000 | -324.1386 | -324.1386 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 4.8978 | [1] |
| Na[C10SO4] | 78.8400 | 299.8600 | 378.7000 | 88.9100 | 297.7300 | 386.6400 | 0.0000 | -331.7494 | -331.7494 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 3.4012 | [1] |
| Na[C12SO4] | 78.8400 | 344.5200 | 423.3600 | 88.9100 | 338.6500 | 427.5600 | 0.0000 | -332.1363 | -332.1363 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 2.0281 | [1] |
| Na[C14SO4] | 78.8400 | 388.3300 | 467.1700 | 88.9100 | 378.7900 | 467.7000 | 0.0000 | -334.1982 | -334.1982 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 0.6931 | [1] |
| [C6MIm]Cl | 244.5600 | 36.0900 | 280.6500 | 243.0900 | 52.8100 | 295.9000 | -209.8035 | -342.0077 | -551.8112 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 6.0000 | [2] |
| [C6MIm]Cl | 244.5600 | 36.0900 | 280.6500 | 243.0900 | 52.8100 | 295.9000 | -209.8035 | -342.0077 | -551.8112 | NaCl | 500.0000 | 114.9300 | 78.8400 | 36.0900 | | 0.0000 | 0.0000 | 298.0000 | 5.0000 | [2] |
| [C6MIm]Cl | 244.5600 | 36.0900 | 280.6500 | 243.0900 | 52.8100 | 295.9000 | -209.8035 | -342.0077 | -551.8112 | NaBr | 500.0000 | 121.0500 | 78.8400 | 42.2100 | | 0.0000 | 0.0000 | 298.0000 | 4.4000 | [2] |
| [C6MIm]Cl | 244.5600 | 36.0900 | 280.6500 | 243.0900 | 52.8100 | 295.9000 | -209.8035 | -342.0077 | -551.8112 | NaI | 500.0000 | 131.1500 | 78.8400 | 52.3100 | | 0.0000 | 0.0000 | 298.0000 | 4.2000 | [2] |
| [C8MIm]Cl | 288.0100 | 36.0900 | 324.1000 | 283.4300 | 52.8100 | 336.2400 | -210.9526 | -342.0077 | -552.9603 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 4.9000 | [2] |
| [C8MIm]Cl | 288.0100 | 36.0900 | 324.1000 | 283.4300 | 52.8100 | 336.2400 | -210.9526 | -342.0077 | -552.9603 | NaCl | 100.0000 | 114.9300 | 78.8400 | 36.0900 | | 0.0000 | 0.0000 | 298.0000 | 4.1000 | [2] |
| [C8MIm]Cl | 288.0100 | 36.0900 | 324.1000 | 283.4300 | 52.8100 | 336.2400 | -210.9526 | -342.0077 | -552.9603 | NaCl | 500.0000 | 114.9300 | 78.8400 | 36.0900 | | 0.0000 | 0.0000 | 298.0000 | 2.9000 | [2] |
| [C8MIm]Cl | 288.0100 | 36.0900 | 324.1000 | 283.4300 | 52.8100 | 336.2400 | -210.9526 | -342.0077 | -552.9603 | NaCl | 1000.0000 | 114.9300 | 78.8400 | 36.0900 | | 0.0000 | 0.0000 | 298.0000 | 2.3000 | [2] |
| [C8MIm]Br | 288.0100 | 42.2100 | 330.2200 | 283.4300 | 58.6300 | 342.0600 | -210.9526 | -325.3283 | -536.2809 | NaCl | 500.0000 | 114.9300 | 78.8400 | 36.0900 | | 0.0000 | 0.0000 | 298.0000 | 2.8000 | [2] |
| [C8MIm]Br | 288.0100 | 42.2100 | 330.2200 | 283.4300 | 58.6300 | 342.0600 | -210.9526 | -325.3283 | -536.2809 | NaCl | 1000.0000 | 114.9300 | 78.8400 | 36.0900 | | 0.0000 | 0.0000 | 298.0000 | 2.4000 | [2] |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [C8MIm]I | 288.0100 | 52.3100 | 340.3200 | 283.4300 | 67.6400 | 351.0700 | -210.9526 | -303.3682 | -514.3208 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.0000 | 4.8000 | [2] |
| [C8MIm]I | 288.0100 | 52.3100 | 340.3200 | 283.4300 | 67.6400 | 351.0700 | -210.9526 | -303.3682 | -514.3208 | NaCl | 100.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 3.8000 | [2] |
| [C8MIm]I | 288.0100 | 52.3100 | 340.3200 | 283.4300 | 67.6400 | 351.0700 | -210.9526 | -303.3682 | -514.3208 | NaCl | 500.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 3.5000 | [2] |
| [C8MIm]I | 288.0100 | 52.3100 | 340.3200 | 283.4300 | 67.6400 | 351.0700 | -210.9526 | -303.3682 | -514.3208 | NaCl | 1000.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 2.8000 | [2] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.0000 | 4.0000 | [2] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | NaCl | 50.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 3.7000 | [2] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | NaCl | 150.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 3.2000 | [2] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | K[NO3] | 1.0000 | 196.1100 | 139.8500 | 56.2600 | 0.0000 | 0.0000 | 298.0000 | 4.0000 | [2] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | K[NO3] | 10.0000 | 196.1100 | 139.8500 | 56.2600 | 0.0000 | 0.0000 | 298.0000 | 3.8000 | [2] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | K[NO3] | 25.0000 | 196.1100 | 139.8500 | 56.2600 | 0.0000 | 0.0000 | 298.0000 | 3.6000 | [2] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | K[NO3] | 50.0000 | 196.1100 | 139.8500 | 56.2600 | 0.0000 | 0.0000 | 298.0000 | 3.3000 | [2] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | K[NO3] | 100.0000 | 196.1100 | 139.8500 | 56.2600 | 0.0000 | 0.0000 | 298.0000 | 3.0000 | [2] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | KCl | 1.0000 | 175.9400 | 139.8500 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 4.0000 | [2] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | KCl | 10.0000 | 175.9400 | 139.8500 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 3.9000 | [2] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | KCl | 25.0000 | 175.9400 | 139.8500 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 3.9000 | [2] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | KCl | 50.0000 | 175.9400 | 139.8500 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 3.7000 | [2] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | KCl | 100.0000 | 175.9400 | 139.8500 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 3.6000 | [2] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | KBr | 1.0000 | 182.0600 | 139.8500 | 42.2100 | 0.0000 | 0.0000 | 298.0000 | 4.0000 | [2] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | KBr | 10.0000 | 182.0600 | 139.8500 | 42.2100 | 0.0000 | 0.0000 | 298.0000 | 3.9000 | [2] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | KBr | 25.0000 | 182.0600 | 139.8500 | 42.2100 | 0.0000 | 0.0000 | 298.0000 | 3.7000 | [2] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | KBr | 50.0000 | 182.0600 | 139.8500 | 42.2100 | 0.0000 | 0.0000 | 298.0000 | 3.5000 | [2] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | KBr | 100.0000 | 182.0600 | 139.8500 | 42.2100 | 0.0000 | 0.0000 | 298.0000 | 3.2000 | [2] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | KI | 1.0000 | 192.1600 | 139.8500 | 52.3100 | 0.0000 | 0.0000 | 298.0000 | 4.0000 | [2] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | KI | 10.0000 | 192.1600 | 139.8500 | 52.3100 | 0.0000 | 0.0000 | 298.0000 | 3.5000 | [2] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | KI | 25.0000 | 192.1600 | 139.8500 | 52.3100 | 0.0000 | 0.0000 | 298.0000 | 2.8000 | [2] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | KI | 50.0000 | 192.1600 | 139.8500 | 52.3100 | 0.0000 | 0.0000 | 298.0000 | 2.4000 | [2] |
| [C10MIm]Cl | 332.5300 | 36.0900 | 368.6200 | 323.9700 | 52.8100 | 376.7800 | -212.3430 | -342.0077 | -554.3507 | KI | 100.0000 | 192.1600 | 139.8500 | 52.3100 | 0.0000 | 0.0000 | 298.0000 | 2.0000 | [2] |
| [C10MIm]Br | 332.5300 | 42.2100 | 374.7400 | 323.9700 | 58.6300 | 382.6000 | -212.3430 | -325.3283 | -537.6713 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.0000 | 4.1000 | [2] |
| [C10MIm]Br | 332.5300 | 42.2100 | 374.7400 | 323.9700 | 58.6300 | 382.6000 | -212.3430 | -325.3283 | -537.6713 | Na[NO3] | 100.0000 | 135.1000 | 78.8400 | 56.2600 | 0.0000 | 0.0000 | 298.0000 | 3.0000 | [2] |
| [C10MIm]Br | 332.5300 | 42.2100 | 374.7400 | 323.9700 | 58.6300 | 382.6000 | -212.3430 | -325.3283 | -537.6713 | Na[NO3] | 200.0000 | 135.1000 | 78.8400 | 56.2600 | 0.0000 | 0.0000 | 298.0000 | 2.8000 | [2] |
| [C10MIm]Br | 332.5300 | 42.2100 | 374.7400 | 323.9700 | 58.6300 | 382.6000 | -212.3430 | -325.3283 | -537.6713 | Na[NO3] | 300.0000 | 135.1000 | 78.8400 | 56.2600 | 0.0000 | 0.0000 | 298.0000 | 2.5000 | [2] |
| [C10MIm]Br | 332.5300 | 42.2100 | 374.7400 | 323.9700 | 58.6300 | 382.6000 | -212.3430 | -325.3283 | -537.6713 | Na[NO3] | 400.0000 | 135.1000 | 78.8400 | 56.2600 | 0.0000 | 0.0000 | 298.0000 | 2.4000 | [2] |
| [C10MIm]Br | 332.5300 | 42.2100 | 374.7400 | 323.9700 | 58.6300 | 382.6000 | -212.3430 | -325.3283 | -537.6713 | Na[NO3] | 500.0000 | 135.1000 | 78.8400 | 56.2600 | 0.0000 | 0.0000 | 298.0000 | 2.2000 | [2] |
| [C10MIm]Br | 332.5300 | 42.2100 | 374.7400 | 323.9700 | 58.6300 | 382.6000 | -212.3430 | -325.3283 | -537.6713 | NaCl | 100.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 3.5000 | [2] |
| [C10MIm]Br | 332.5300 | 42.2100 | 374.7400 | 323.9700 | 58.6300 | 382.6000 | -212.3430 | -325.3283 | -537.6713 | NaCl | 200.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 3.3000 | [2] |
| [C10MIm]Br | 332.5300 | 42.2100 | 374.7400 | 323.9700 | 58.6300 | 382.6000 | -212.3430 | -325.3283 | -537.6713 | NaCl | 300.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 3.1000 | [2] |
| [C10MIm]Br | 332.5300 | 42.2100 | 374.7400 | 323.9700 | 58.6300 | 382.6000 | -212.3430 | -325.3283 | -537.6713 | NaCl | 400.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 2.9000 | [2] |
| [C10MIm]Br | 332.5300 | 42.2100 | 374.7400 | 323.9700 | 58.6300 | 382.6000 | -212.3430 | -325.3283 | -537.6713 | NaCl | 500.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 2.8000 | [2] |
| [C10MIm]Br | 332.5300 | 42.2100 | 374.7400 | 323.9700 | 58.6300 | 382.6000 | -212.3430 | -325.3283 | -537.6713 | NaI | 100.0000 | 131.1500 | 78.8400 | 52.3100 | 0.0000 | 0.0000 | 298.0000 | 4.1000 | [2] |
| [C10MIm]Br | 332.5300 | 42.2100 | 374.7400 | 323.9700 | 58.6300 | 382.6000 | -212.3430 | -325.3283 | -537.6713 | NaI | 200.0000 | 131.1500 | 78.8400 | 52.3100 | 0.0000 | 0.0000 | 298.0000 | 3.8000 | [2] |
| [C10MIm]Br | 332.5300 | 42.2100 | 374.7400 | 323.9700 | 58.6300 | 382.6000 | -212.3430 | -325.3283 | -537.6713 | NaI | 300.0000 | 131.1500 | 78.8400 | 52.3100 | 0.0000 | 0.0000 | 298.0000 | 3.6000 | [2] |
| [C10MIm]Br | 332.5300 | 42.2100 | 374.7400 | 323.9700 | 58.6300 | 382.6000 | -212.3430 | -325.3283 | -537.6713 | NaI | 400.0000 | 131.1500 | 78.8400 | 52.3100 | 0.0000 | 0.0000 | 298.0000 | 3.4000 | [2] |
| [C10MIm]Br | 332.5300 | 42.2100 | 374.7400 | 323.9700 | 58.6300 | 382.6000 | -212.3430 | -325.3283 | -537.6713 | NaI | 500.0000 | 131.1500 | 78.8400 | 52.3100 | 0.0000 | 0.0000 | 298.0000 | 3.2000 | [2] |
| [C12MIm]Cl | 376.6200 | 36.0900 | 412.7100 | 364.2500 | 52.8100 | 417.0600 | -213.9581 | -342.0077 | -555.9658 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.0000 | 2.7000 | [2] |
| [C12MIm]Cl | 376.6200 | 36.0900 | 412.7100 | 364.2500 | 52.8100 | 417.0600 | -213.9581 | -342.0077 | -555.9658 | NaCl | 50.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 1.9000 | [2] |
| [C12MIm]Cl | 376.6200 | 36.0900 | 412.7100 | 364.2500 | 52.8100 | 417.0600 | -213.9581 | -342.0077 | -555.9658 | NaCl | 150.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 1.4000 | [2] |
| [C12MIm]Br | 376.6200 | 42.2100 | 418.8300 | 364.2500 | 58.6300 | 422.8800 | -213.9581 | -325.3283 | -539.2864 | NaCl | 500.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 0.3400 | [2] |
| [C12MIm]Br | 376.6200 | 42.2100 | 418.8300 | 364.2500 | 58.6300 | 422.8800 | -213.9581 | -325.3283 | -539.2864 | NaBr | 500.0000 | 121.0500 | 78.8400 | 42.2100 | 0.0000 | 0.0000 | 298.0000 | -0.3400 | [2] |
| [C12MIm]Br | 376.6200 | 42.2100 | 418.8300 | 364.2500 | 58.6300 | 422.8800 | -213.9581 | -325.3283 | -539.2864 | NaI | 500.0000 | 131.1500 | 78.8400 | 52.3100 | 0.0000 | 0.0000 | 298.0000 | -1.7000 | [2] |
| [C14MIm]Br | 420.4700 | 42.2100 | 462.6800 | 404.4700 | 58.6300 | 463.1000 | -215.3774 | -325.3283 | -540.7057 | NaCl | 500.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | -1.7000 | [2] |
| [C14MIm]Br | 420.4700 | 42.2100 | 462.6800 | 404.4700 | 58.6300 | 463.1000 | -215.3774 | -325.3283 | -540.7057 | NaBr | 500.0000 | 121.0500 | 78.8400 | 42.2100 | 0.0000 | 0.0000 | 298.0000 | -2.5000 | [2] |
| [C14MIm]Br | 420.4700 | 42.2100 | 462.6800 | 404.4700 | 58.6300 | 463.1000 | -215.3774 | -325.3283 | -540.7057 | NaI | 500.0000 | 131.1500 | 78.8400 | 52.3100 | 0.0000 | 0.0000 | 298.0000 | -3.3000 | [2] |
| [C16MIm]Br | 463.9400 | 42.2100 | 506.1500 | 445.0100 | 58.6300 | 503.6400 | -216.6636 | -325.3283 | -541.9919 | NaCl | 500.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | -3.0000 | [2] |
| [C16MIm]Br | 463.9400 | 42.2100 | 506.1500 | 445.0100 | 58.6300 | 503.6400 | -216.6636 | -325.3283 | -541.9919 | NaBr | 500.0000 | 121.0500 | 78.8400 | 42.2100 | 0.0000 | 0.0000 | 298.0000 | -3.7000 | [2] |
| [C16MIm]Br | 463.9400 | 42.2100 | 506.1500 | 445.0100 | 58.6300 | 503.6400 | -216.6636 | -325.3283 | -541.9919 | NaI | 500.0000 | 131.1500 | 78.8400 | 52.3100 | 0.0000 | 0.0000 | 298.0000 | -4.5000 | [2] |
| [C16Py]Br | 458.1800 | 42.2100 | 500.3900 | 437.5200 | 58.6300 | 496.1500 | -220.0165 | -325.3283 | -545.3447 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.0000 | 2.0000 | [2] |
| [C16Py]Br | 458.1800 | 42.2100 | 500.3900 | 437.5200 | 58.6300 | 496.1500 | -220.0165 | -325.3283 | -545.3447 | Na[NO3] | 2.0000 | 135.1000 | 78.8400 | 56.2600 | 0.0000 | 0.0000 | 298.0000 | 0.8800 | [2] |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [C16Py]Br | 458.1800 | 42.2100 | 500.3900 | 437.5200 | 58.6300 | 496.1500 | -220.0165 | -325.3283 | -545.3447 | Na[NO3] | 4.0000 | 135.1000 | 78.8400 | 56.2600 | 0.0000 | 0.0000 | 298.0000 | 0.3900 | [2] |
| [C16Py]Br | 458.1800 | 42.2100 | 500.3900 | 437.5200 | 58.6300 | 496.1500 | -220.0165 | -325.3283 | -545.3447 | Na[NO3] | 6.0000 | 135.1000 | 78.8400 | 56.2600 | 0.0000 | 0.0000 | 298.0000 | 0.1800 | [2] |
| [C16Py]Br | 458.1800 | 42.2100 | 500.3900 | 437.5200 | 58.6300 | 496.1500 | -220.0165 | -325.3283 | -545.3447 | NaCl | 2.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 1.5000 | [2] |
| [C16Py]Br | 458.1800 | 42.2100 | 500.3900 | 437.5200 | 58.6300 | 496.1500 | -220.0165 | -325.3283 | -545.3447 | NaCl | 4.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 1.2000 | [2] |
| [C16Py]Br | 458.1800 | 42.2100 | 500.3900 | 437.5200 | 58.6300 | 496.1500 | -220.0165 | -325.3283 | -545.3447 | NaCl | 6.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 1.0000 | [2] |
| [C16Py]Br | 458.1800 | 42.2100 | 500.3900 | 437.5200 | 58.6300 | 496.1500 | -220.0165 | -325.3283 | -545.3447 | NaCl | 8.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 0.8900 | [2] |
| [C16Py]Br | 458.1800 | 42.2100 | 500.3900 | 437.5200 | 58.6300 | 496.1500 | -220.0165 | -325.3283 | -545.3447 | NaCl | 10.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 0.6600 | [2] |
| [C16Py]Br | 458.1800 | 42.2100 | 500.3900 | 437.5200 | 58.6300 | 496.1500 | -220.0165 | -325.3283 | -545.3447 | NaBr | 2.0000 | 121.0500 | 78.8400 | 42.2100 | 0.0000 | 0.0000 | 298.0000 | 1.0000 | [2] |
| [C16Py]Br | 458.1800 | 42.2100 | 500.3900 | 437.5200 | 58.6300 | 496.1500 | -220.0165 | -325.3283 | -545.3447 | NaBr | 4.0000 | 121.0500 | 78.8400 | 42.2100 | 0.0000 | 0.0000 | 298.0000 | 0.4800 | [2] |
| [C16Py]Br | 458.1800 | 42.2100 | 500.3900 | 437.5200 | 58.6300 | 496.1500 | -220.0165 | -325.3283 | -545.3447 | NaBr | 6.0000 | 121.0500 | 78.8400 | 42.2100 | 0.0000 | 0.0000 | 298.0000 | 0.2400 | [2] |
| [C16Py]Br | 458.1800 | 42.2100 | 500.3900 | 437.5200 | 58.6300 | 496.1500 | -220.0165 | -325.3283 | -545.3447 | NaBr | 8.0000 | 121.0500 | 78.8400 | 42.2100 | 0.0000 | 0.0000 | 298.0000 | -0.1300 | [2] |
| [C16Py]Br | 458.1800 | 42.2100 | 500.3900 | 437.5200 | 58.6300 | 496.1500 | -220.0165 | -325.3283 | -545.3447 | NaBr | 10.0000 | 121.0500 | 78.8400 | 42.2100 | 0.0000 | 0.0000 | 298.0000 | -0.2100 | [2] |
| [N1,1,1,10]Cl | 319.7600 | 36.0900 | 355.8500 | 305.2100 | 52.8100 | 358.0200 | -225.4360 | -342.0077 | -567.4437 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.0000 | 4.5000 | [2] |
| [N1,1,1,10]Cl | 319.7600 | 36.0900 | 355.8500 | 305.2100 | 52.8100 | 358.0200 | -225.4360 | -342.0077 | -567.4437 | NaCl | 10.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 4.5000 | [2] |
| [N1,1,1,10]Cl | 319.7600 | 36.0900 | 355.8500 | 305.2100 | 52.8100 | 358.0200 | -225.4360 | -342.0077 | -567.4437 | NaCl | 100.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 4.2000 | [2] |
| [N1,1,1,10]Cl | 319.7600 | 36.0900 | 355.8500 | 305.2100 | 52.8100 | 358.0200 | -225.4360 | -342.0077 | -567.4437 | NaCl | 1000.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 2.9000 | [2] |
| [N1,1,1,10]Br | 319.7600 | 42.2100 | 361.9700 | 305.2100 | 58.6300 | 363.8400 | -225.4360 | -325.3283 | -550.7643 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.0000 | 4.2000 | [2] |
| [N1,1,1,10]Br | 319.7600 | 42.2100 | 361.9700 | 305.2100 | 58.6300 | 363.8400 | -225.4360 | -325.3283 | -550.7643 | NaCl | 49.6000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 4.0000 | [2] |
| [N1,1,1,10]Br | 319.7600 | 42.2100 | 361.9700 | 305.2100 | 58.6300 | 363.8400 | -225.4360 | -325.3283 | -550.7643 | NaCl | 50.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 4.0000 | [2] |
| [N1,1,1,10]Br | 319.7600 | 42.2100 | 361.9700 | 305.2100 | 58.6300 | 363.8400 | -225.4360 | -325.3283 | -550.7643 | NaCl | 100.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 3.8000 | [2] |
| [N1,1,1,10]Br | 319.7600 | 42.2100 | 361.9700 | 305.2100 | 58.6300 | 363.8400 | -225.4360 | -325.3283 | -550.7643 | NaCl | 132.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 3.9000 | [2] |
| [N1,1,1,10]Br | 319.7600 | 42.2100 | 361.9700 | 305.2100 | 58.6300 | 363.8400 | -225.4360 | -325.3283 | -550.7643 | NaCl | 218.6000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 3.8000 | [2] |
| [N1,1,1,10]Br | 319.7600 | 42.2100 | 361.9700 | 305.2100 | 58.6300 | 363.8400 | -225.4360 | -325.3283 | -550.7643 | NaCl | 300.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 3.4000 | [2] |
| [N1,1,1,10]Br | 319.7600 | 42.2100 | 361.9700 | 305.2100 | 58.6300 | 363.8400 | -225.4360 | -325.3283 | -550.7643 | NaCl | 322.4000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 3.6000 | [2] |
| [N1,1,1,10]Br | 319.7600 | 42.2100 | 361.9700 | 305.2100 | 58.6300 | 363.8400 | -225.4360 | -325.3283 | -550.7643 | NaCl | 565.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 3.4000 | [2] |
| [N1,1,1,10]Br | 319.7600 | 42.2100 | 361.9700 | 305.2100 | 58.6300 | 363.8400 | -225.4360 | -325.3283 | -550.7643 | NaBr | 100.0000 | 121.0500 | 78.8400 | 42.2100 | 0.0000 | 0.0000 | 298.0000 | 3.7000 | [2] |
| [N1,1,1,10]Br | 319.7600 | 42.2100 | 361.9700 | 305.2100 | 58.6300 | 363.8400 | -225.4360 | -325.3283 | -550.7643 | NaBr | 200.0000 | 121.0500 | 78.8400 | 42.2100 | 0.0000 | 0.0000 | 298.0000 | 3.5000 | [2] |
| [N1,1,1,10]Br | 319.7600 | 42.2100 | 361.9700 | 305.2100 | 58.6300 | 363.8400 | -225.4360 | -325.3283 | -550.7643 | NaBr | 300.0000 | 121.0500 | 78.8400 | 42.2100 | 0.0000 | 0.0000 | 298.0000 | 3.3000 | [2] |
| [N1,1,1,10]Br | 319.7600 | 42.2100 | 361.9700 | 305.2100 | 58.6300 | 363.8400 | -225.4360 | -325.3283 | -550.7643 | NaBr | 400.0000 | 121.0500 | 78.8400 | 42.2100 | 0.0000 | 0.0000 | 298.0000 | 3.3000 | [2] |
| [N1,1,1,10]Br | 319.7600 | 42.2100 | 361.9700 | 305.2100 | 58.6300 | 363.8400 | -225.4360 | -325.3283 | -550.7643 | NaBr | 500.0000 | 121.0500 | 78.8400 | 42.2100 | 0.0000 | 0.0000 | 298.0000 | 3.2000 | [2] |
| [N1,1,1,10]Br | 319.7600 | 42.2100 | 361.9700 | 305.2100 | 58.6300 | 363.8400 | -225.4360 | -325.3283 | -550.7643 | NaI | 300.0000 | 131.1500 | 78.8400 | 52.3100 | 0.0000 | 0.0000 | 298.0000 | 2.1000 | [2] |
| [N1,1,1,12]Cl | 363.6500 | 36.0900 | 399.7400 | 345.7600 | 52.8100 | 398.5700 | -226.6112 | -342.0077 | -568.6189 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.0000 | 3.0000 | [2] |
| [N1,1,1,12]Cl | 363.6500 | 36.0900 | 399.7400 | 345.7600 | 52.8100 | 398.5700 | -226.6112 | -342.0077 | -568.6189 | NaCl | 50.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 2.5000 | [2] |
| [N1,1,1,12]Cl | 363.6500 | 36.0900 | 399.7400 | 345.7600 | 52.8100 | 398.5700 | -226.6112 | -342.0077 | -568.6189 | NaCl | 100.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 1.8000 | [2] |
| [N1,1,1,12]Cl | 363.6500 | 36.0900 | 399.7400 | 345.7600 | 52.8100 | 398.5700 | -226.6112 | -342.0077 | -568.6189 | NaCl | 150.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 1.8000 | [2] |
| [N1,1,1,14]Cl | 407.5900 | 36.0900 | 443.6800 | 385.7400 | 52.8100 | 438.5500 | -228.3393 | -342.0077 | -570.3470 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.0000 | 1.6000 | [2] |
| [N1,1,1,14]Cl | 407.5900 | 36.0900 | 443.6800 | 385.7400 | 52.8100 | 438.5500 | -228.3393 | -342.0077 | -570.3470 | NaCl | 10.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 1.1000 | [2] |
| [N1,1,1,14]Cl | 407.5900 | 36.0900 | 443.6800 | 385.7400 | 52.8100 | 438.5500 | -228.3393 | -342.0077 | -570.3470 | NaCl | 100.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | -0.2200 | [2] |
| [N1,1,1,14]Cl | 407.5900 | 36.0900 | 443.6800 | 385.7400 | 52.8100 | 438.5500 | -228.3393 | -342.0077 | -570.3470 | NaCl | 1000.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | -2.0000 | [2] |
| Na[C10SO3] | 78.8400 | 289.8700 | 368.7100 | 88.9100 | 284.7000 | 373.6100 | 0.0000 | -388.5570 | -388.5570 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.0000 | 3.7000 | [2] |
| Na[C10SO3] | 78.8400 | 289.8700 | 368.7100 | 88.9100 | 284.7000 | 373.6100 | 0.0000 | -388.5570 | -388.5570 | NaCl | 4.9000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 3.6000 | [2] |
| Na[C10SO3] | 78.8400 | 289.8700 | 368.7100 | 88.9100 | 284.7000 | 373.6100 | 0.0000 | -388.5570 | -388.5570 | NaCl | 13.5000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 3.6000 | [2] |
| Na[C10SO3] | 78.8400 | 289.8700 | 368.7100 | 88.9100 | 284.7000 | 373.6100 | 0.0000 | -388.5570 | -388.5570 | NaCl | 28.6000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 3.5000 | [2] |
| Na[C10SO3] | 78.8400 | 289.8700 | 368.7100 | 88.9100 | 284.7000 | 373.6100 | 0.0000 | -388.5570 | -388.5570 | NaCl | 50.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 3.4000 | [2] |
| Na[C10SO3] | 78.8400 | 289.8700 | 368.7100 | 88.9100 | 284.7000 | 373.6100 | 0.0000 | -388.5570 | -388.5570 | NaCl | 52.7000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 3.4000 | [2] |
| Na[C10SO3] | 78.8400 | 289.8700 | 368.7100 | 88.9100 | 284.7000 | 373.6100 | 0.0000 | -388.5570 | -388.5570 | NaCl | 100.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 3.0000 | [2] |
| Na[C10SO3] | 78.8400 | 289.8700 | 368.7100 | 88.9100 | 284.7000 | 373.6100 | 0.0000 | -388.5570 | -388.5570 | NaCl | 500.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 2.0000 | [2] |
| Na[C12SO4] | 78.8400 | 344.5200 | 423.3600 | 88.9100 | 338.6500 | 427.5600 | 0.0000 | -332.1363 | -332.1363 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.0000 | 1.8000 | [2] |
| Na[C12SO4] | 78.8400 | 344.5200 | 423.3600 | 88.9100 | 338.6500 | 427.5600 | 0.0000 | -332.1363 | -332.1363 | NaCl | 2.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 1.6000 | [2] |
| Na[C12SO4] | 78.8400 | 344.5200 | 423.3600 | 88.9100 | 338.6500 | 427.5600 | 0.0000 | -332.1363 | -332.1363 | NaCl | 4.9000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 1.5000 | [2] |
| Na[C12SO4] | 78.8400 | 344.5200 | 423.3600 | 88.9100 | 338.6500 | 427.5600 | 0.0000 | -332.1363 | -332.1363 | NaCl | 9.4000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 1.4000 | [2] |
| Na[C12SO4] | 78.8400 | 344.5200 | 423.3600 | 88.9100 | 338.6500 | 427.5600 | 0.0000 | -332.1363 | -332.1363 | NaCl | 18.5000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 1.2000 | [2] |
| Na[C12SO4] | 78.8400 | 344.5200 | 423.3600 | 88.9100 | 338.6500 | 427.5600 | 0.0000 | -332.1363 | -332.1363 | NaCl | 31.1000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 1.0000 | [2] |
| Na[C12SO4] | 78.8400 | 344.5200 | 423.3600 | 88.9100 | 338.6500 | 427.5600 | 0.0000 | -332.1363 | -332.1363 | NaCl | 46.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 0.7500 | [2] |
| Na[C12SO4] | 78.8400 | 344.5200 | 423.3600 | 88.9100 | 338.6500 | 427.5600 | 0.0000 | -332.1363 | -332.1363 | NaCl | 50.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 0.7600 | [2] |
| Na[C12SO4] | 78.8400 | 344.5200 | 423.3600 | 88.9100 | 338.6500 | 427.5600 | 0.0000 | -332.1363 | -332.1363 | NaCl | 75.3000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 0.5500 | [2] |
| Na[C12SO4] | 78.8400 | 344.5200 | 423.3600 | 88.9100 | 338.6500 | 427.5600 | 0.0000 | -332.1363 | -332.1363 | NaCl | 146.7000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.0000 | 0.3000 | [2] |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Na[C12SO4] | 78.8400 | 344.5200 | 423.3600 | 88.9100 | 338.6500 | 427.5600 | 0.0000 | -332.1363 | -332.1363 | NaCl | 242.6000 | 114.9300 | 78.8400 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 0.1000 | [2] |
| Na[C12SO4] | 78.8400 | 344.5200 | 423.3600 | 88.9100 | 338.6500 | 427.5600 | 0.0000 | -332.1363 | -332.1363 | NaCl | 268.7000 | 114.9300 | 78.8400 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 0.1000 | [2] |
| Na[C12SO4] | 78.8400 | 344.5200 | 423.3600 | 88.9100 | 338.6500 | 427.5600 | 0.0000 | -332.1363 | -332.1363 | NaCl | 316.3000 | 114.9300 | 78.8400 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | -0.0270 | [2] |
| Na[C12SO4] | 78.8400 | 344.5200 | 423.3600 | 88.9100 | 338.6500 | 427.5600 | 0.0000 | -332.1363 | -332.1363 | NaCl | 354.0000 | 114.9300 | 78.8400 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | -0.1400 | [2] |
| K[C11CO2] | 139.8500 | 292.5400 | 432.3900 | 130.2900 | 289.9300 | 420.2200 | 0.0000 | -368.9763 | -368.9763 | | 0.0000 | 0.0000 | | | | | 0.0000 | 0.0000 | 298.0000 | 3.1000 | [2] |
| K[C11CO2] | 139.8500 | 292.5400 | 432.3900 | 130.2900 | 289.9300 | 420.2200 | 0.0000 | -368.9763 | -368.9763 | NaCl | 50.0000 | 114.9300 | 78.8400 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 2.5000 | [2] |
| K[C11CO2] | 139.8500 | 292.5400 | 432.3900 | 130.2900 | 289.9300 | 420.2200 | 0.0000 | -368.9763 | -368.9763 | KCl | 8.4000 | 175.9400 | 139.8500 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 3.0000 | [2] |
| K[C11CO2] | 139.8500 | 292.5400 | 432.3900 | 130.2900 | 289.9300 | 420.2200 | 0.0000 | -368.9763 | -368.9763 | KCl | 13.2000 | 175.9400 | 139.8500 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 2.9000 | [2] |
| K[C11CO2] | 139.8500 | 292.5400 | 432.3900 | 130.2900 | 289.9300 | 420.2200 | 0.0000 | -368.9763 | -368.9763 | KCl | 16.8000 | 175.9400 | 139.8500 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 2.8000 | [2] |
| K[C11CO2] | 139.8500 | 292.5400 | 432.3900 | 130.2900 | 289.9300 | 420.2200 | 0.0000 | -368.9763 | -368.9763 | KCl | 38.7000 | 175.9400 | 139.8500 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 2.6000 | [2] |
| K[C11CO2] | 139.8500 | 292.5400 | 432.3900 | 130.2900 | 289.9300 | 420.2200 | 0.0000 | -368.9763 | -368.9763 | KCl | 42.2000 | 175.9400 | 139.8500 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 2.5000 | [2] |
| K[C11CO2] | 139.8500 | 292.5400 | 432.3900 | 130.2900 | 289.9300 | 420.2200 | 0.0000 | -368.9763 | -368.9763 | KCl | 42.6000 | 175.9400 | 139.8500 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 2.5000 | [2] |
| K[C11CO2] | 139.8500 | 292.5400 | 432.3900 | 130.2900 | 289.9300 | 420.2200 | 0.0000 | -368.9763 | -368.9763 | KCl | 54.7000 | 175.9400 | 139.8500 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 2.4000 | [2] |
| K[C11CO2] | 139.8500 | 292.5400 | 432.3900 | 130.2900 | 289.9300 | 420.2200 | 0.0000 | -368.9763 | -368.9763 | KCl | 64.7000 | 175.9400 | 139.8500 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 2.4000 | [2] |
| K[C11CO2] | 139.8500 | 292.5400 | 432.3900 | 130.2900 | 289.9300 | 420.2200 | 0.0000 | -368.9763 | -368.9763 | KCl | 66.3000 | 175.9400 | 139.8500 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 2.3000 | [2] |
| K[C11CO2] | 139.8500 | 292.5400 | 432.3900 | 130.2900 | 289.9300 | 420.2200 | 0.0000 | -368.9763 | -368.9763 | KCl | 74.7000 | 175.9400 | 139.8500 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 2.3000 | [2] |
| K[C11CO2] | 139.8500 | 292.5400 | 432.3900 | 130.2900 | 289.9300 | 420.2200 | 0.0000 | -368.9763 | -368.9763 | KCl | 103.8000 | 175.9400 | 139.8500 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 2.1000 | [2] |
| K[C11CO2] | 139.8500 | 292.5400 | 432.3900 | 130.2900 | 289.9300 | 420.2200 | 0.0000 | -368.9763 | -368.9763 | KCl | 106.2000 | 175.9400 | 139.8500 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 2.1000 | [2] |
| K[C11CO2] | 139.8500 | 292.5400 | 432.3900 | 130.2900 | 289.9300 | 420.2200 | 0.0000 | -368.9763 | -368.9763 | KCl | 119.9000 | 175.9400 | 139.8500 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 2.1000 | [2] |
| K[C11CO2] | 139.8500 | 292.5400 | 432.3900 | 130.2900 | 289.9300 | 420.2200 | 0.0000 | -368.9763 | -368.9763 | KCl | 148.5000 | 175.9400 | 139.8500 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 2.0000 | [2] |
| K[C11CO2] | 139.8500 | 292.5400 | 432.3900 | 130.2900 | 289.9300 | 420.2200 | 0.0000 | -368.9763 | -368.9763 | KCl | 173.9000 | 175.9400 | 139.8500 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 1.8000 | [2] |
| K[C11CO2] | 139.8500 | 292.5400 | 432.3900 | 130.2900 | 289.9300 | 420.2200 | 0.0000 | -368.9763 | -368.9763 | KCl | 241.1000 | 175.9400 | 139.8500 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 1.7000 | [2] |
| K[C11CO2] | 139.8500 | 292.5400 | 432.3900 | 130.2900 | 289.9300 | 420.2200 | 0.0000 | -368.9763 | -368.9763 | KCl | 261.7000 | 175.9400 | 139.8500 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 1.7000 | [2] |
| K[C11CO2] | 139.8500 | 292.5400 | 432.3900 | 130.2900 | 289.9300 | 420.2200 | 0.0000 | -368.9763 | -368.9763 | KCl | 314.2000 | 175.9400 | 139.8500 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 1.5000 | [2] |
| K[C11CO2] | 139.8500 | 292.5400 | 432.3900 | 130.2900 | 289.9300 | 420.2200 | 0.0000 | -368.9763 | -368.9763 | KCl | 333.5000 | 175.9400 | 139.8500 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 1.5000 | [2] |
| K[C11CO2] | 139.8500 | 292.5400 | 432.3900 | 130.2900 | 289.9300 | 420.2200 | 0.0000 | -368.9763 | -368.9763 | KCl | 433.8000 | 175.9400 | 139.8500 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 1.3000 | [2] |
| K[C11CO2] | 139.8500 | 292.5400 | 432.3900 | 130.2900 | 289.9300 | 420.2200 | 0.0000 | -368.9763 | -368.9763 | KCl | 592.7000 | 175.9400 | 139.8500 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 1.2000 | [2] |
| [C8MIm]Br | 288.0100 | 42.2100 | 330.2200 | 283.4300 | 58.6300 | 342.0600 | -210.9526 | -325.3283 | -536.2809 | | 0.0000 | 0.0000 | | | | | 0.0000 | 0.0000 | 298.0000 | 4.9000 | [2] |
| [C8MIm]Br | 288.0100 | 42.2100 | 330.2200 | 283.4300 | 58.6300 | 342.0600 | -210.9526 | -325.3283 | -536.2809 | NaCl | 100.0000 | 114.9300 | 78.8400 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 3.6000 | [2] |
| [N0,0,0,12]Cl | 294.9800 | 36.0900 | 331.0700 | 295.2600 | 52.8100 | 348.0700 | -311.7923 | -342.0077 | -653.8000 | | 0.0000 | 0.0000 | | | | | 0.0000 | 0.0000 | 298.0000 | 2.6000 | [2] |
| [N0,0,0,12]Cl | 294.9800 | 36.0900 | 331.0700 | 295.2600 | 52.8100 | 348.0700 | -311.7923 | -342.0077 | -653.8000 | NaCl | 8.0000 | 114.9300 | 78.8400 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 2.5000 | [2] |
| [N0,0,0,12]Cl | 294.9800 | 36.0900 | 331.0700 | 295.2600 | 52.8100 | 348.0700 | -311.7923 | -342.0077 | -653.8000 | NaCl | 17.1000 | 114.9300 | 78.8400 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 2.3000 | [2] |
| [N0,0,0,12]Cl | 294.9800 | 36.0900 | 331.0700 | 295.2600 | 52.8100 | 348.0700 | -311.7923 | -342.0077 | -653.8000 | NaCl | 27.5000 | 114.9300 | 78.8400 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 2.1000 | [2] |
| [N0,0,0,12]Cl | 294.9800 | 36.0900 | 331.0700 | 295.2600 | 52.8100 | 348.0700 | -311.7923 | -342.0077 | -653.8000 | NaCl | 49.6000 | 114.9300 | 78.8400 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 2.0000 | [2] |
| [N0,0,0,12]Cl | 294.9800 | 36.0900 | 331.0700 | 295.2600 | 52.8100 | 348.0700 | -311.7923 | -342.0077 | -653.8000 | NaCl | 50.0000 | 114.9300 | 78.8400 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 1.9000 | [2] |
| [N0,0,0,12]Cl | 294.9800 | 36.0900 | 331.0700 | 295.2600 | 52.8100 | 348.0700 | -311.7923 | -342.0077 | -653.8000 | NaCl | 92.3000 | 114.9300 | 78.8400 | 36.0900 | | | 0.0000 | 0.0000 | 298.0000 | 1.6000 | [2] |
| [N1,1,1,10]Br | 319.7600 | 42.2100 | 361.9700 | 305.2100 | 58.6300 | 363.8400 | -225.4360 | -325.3283 | -550.7643 | NaF | 300.0000 | 100.1500 | 78.8400 | 21.3100 | | | 0.0000 | 0.0000 | 298.0000 | 3.7000 | [2] |
| [N1,1,1,10]Br | 319.7600 | 42.2100 | 361.9700 | 305.2100 | 58.6300 | 363.8400 | -225.4360 | -325.3283 | -550.7643 | Na[ϕCO2] | 300.0000 | 221.1700 | 78.8400 | 142.3300 | | | 0.0000 | 0.0000 | 298.0000 | 1.8000 | [2] |
| [N1,1,1,10]Br | 319.7600 | 42.2100 | 361.9700 | 305.2100 | 58.6300 | 363.8400 | -225.4360 | -325.3283 | -550.7643 | Na[Sal] | 300.0000 | 229.2200 | 78.8400 | 150.3800 | | | 0.0000 | 0.0000 | 298.0000 | 0.4100 | [2] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 217.0683 | 298.1500 | 1.3507 | [3] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 217.0683 | 303.1500 | 1.3962 | [3] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 217.0683 | 308.1500 | 1.4609 | [3] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 217.0683 | 313.1500 | 1.5369 | [3] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | | 0.0000 | 0.0000 | | | C3H7OH | 91.1700 | 166.3894 | 298.1500 | 1.2892 | [3] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | | 0.0000 | 0.0000 | | | C3H7OH | 91.1700 | 166.3894 | 303.1500 | 1.3788 | [3] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | | 0.0000 | 0.0000 | | | C3H7OH | 91.1700 | 166.3894 | 308.1500 | 1.4609 | [3] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | | 0.0000 | 0.0000 | | | C3H7OH | 91.1700 | 166.3894 | 313.1500 | 1.5151 | [3] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | | 0.0000 | 0.0000 | | | C4H9OH | 113.0700 | 134.9164 | 298.1500 | 1.2613 | [3] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | | 0.0000 | 0.0000 | | | C4H9OH | 113.0700 | 134.9164 | 303.1500 | 1.3533 | [3] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | | 0.0000 | 0.0000 | | | C4H9OH | 113.0700 | 134.9164 | 308.1500 | 1.3788 | [3] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | | 0.0000 | 0.0000 | | | C4H9OH | 113.0700 | 134.9164 | 313.1500 | 1.4748 | [3] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | | 0.0000 | 0.0000 | | | C5H11OH | 134.9600 | 20.4855 | 298.1500 | 1.2413 | [3] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | | 0.0000 | 0.0000 | | | C5H11OH | 134.9600 | 113.4430 | 303.1500 | 1.3083 | [3] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | | 0.0000 | 0.0000 | | | C5H11OH | 134.9600 | 113.4430 | 308.1500 | 1.3962 | [3] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | | 0.0000 | 0.0000 | | | C5H11OH | 134.9600 | 113.4430 | 313.1500 | 1.4586 | [3] |
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 217.0683 | 298.1500 | 0.1484 | [3] |
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 217.0683 | 303.1500 | 0.2927 | [3] |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 217.0683 | 308.1500 | 0.6152 | [3] |
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 217.0683 | 313.1500 | 0.6981 | [3] |
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | | 0.0000 | 0.0000 | | | C3H7OH | 91.1700 | 166.3894 | 298.1500 | 0.0953 | [3] |
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | | 0.0000 | 0.0000 | | | C3H7OH | 91.1700 | 166.3894 | 303.1500 | 0.3436 | [3] |
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | | 0.0000 | 0.0000 | | | C3H7OH | 91.1700 | 166.3894 | 308.1500 | 0.6098 | [3] |
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | | 0.0000 | 0.0000 | | | C3H7OH | 91.1700 | 166.3894 | 313.1500 | 0.7372 | [3] |
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | | 0.0000 | 0.0000 | | | C4H9OH | 113.0700 | 134.9164 | 298.1500 | -0.1043 | [3] |
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | | 0.0000 | 0.0000 | | | C4H9OH | 113.0700 | 134.9164 | 303.1500 | 0.0677 | [3] |
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | | 0.0000 | 0.0000 | | | C4H9OH | 113.0700 | 134.9164 | 308.1500 | 0.3436 | [3] |
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | | 0.0000 | 0.0000 | | | C4H9OH | 113.0700 | 134.9164 | 313.1500 | 0.4121 | [3] |
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | | 0.0000 | 0.0000 | | | C5H11OH | 134.9600 | 20.4855 | 298.1500 | -0.1347 | [3] |
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | | 0.0000 | 0.0000 | | | C5H11OH | 134.9600 | 113.4430 | 303.1500 | -0.1020 | [3] |
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | | 0.0000 | 0.0000 | | | C5H11OH | 134.9600 | 113.4430 | 308.1500 | 0.2927 | [3] |
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | | 0.0000 | 0.0000 | | | C5H11OH | 134.9600 | 113.4430 | 313.1500 | 0.3646 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 217.0683 | 298.1500 | -1.9878 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 217.0683 | 303.1500 | -1.6399 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 217.0683 | 308.1500 | -1.4482 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 217.0683 | 313.1500 | -1.1907 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | | 0.0000 | 0.0000 | | | C3H7OH | 91.1700 | 166.3894 | 298.1500 | -1.8905 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | | 0.0000 | 0.0000 | | | C3H7OH | 91.1700 | 166.3894 | 303.1500 | -1.5945 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | | 0.0000 | 0.0000 | | | C3H7OH | 91.1700 | 166.3894 | 308.1500 | -1.3665 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | | 0.0000 | 0.0000 | | | C3H7OH | 91.1700 | 166.3894 | 313.1500 | -1.0996 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | | 0.0000 | 0.0000 | | | C4H9OH | 113.0700 | 134.9164 | 298.1500 | -2.1542 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | | 0.0000 | 0.0000 | | | C4H9OH | 113.0700 | 134.9164 | 303.1500 | -1.7898 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | | 0.0000 | 0.0000 | | | C4H9OH | 113.0700 | 134.9164 | 308.1500 | -1.7260 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | | 0.0000 | 0.0000 | | | C4H9OH | 113.0700 | 134.9164 | 313.1500 | -1.2983 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | | 0.0000 | 0.0000 | | | C5H11OH | 134.9600 | 20.4855 | 298.1500 | -2.1203 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | | 0.0000 | 0.0000 | | | C5H11OH | 134.9600 | 113.4430 | 303.1500 | -1.8018 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | | 0.0000 | 0.0000 | | | C5H11OH | 134.9600 | 113.4430 | 308.1500 | -1.6928 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | | 0.0000 | 0.0000 | | | C5H11OH | 134.9600 | 113.4430 | 313.1500 | -1.3744 | [3] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | KBF4 | 0.1000 | 210.3700 | 139.8500 | 70.5200 | | 0.0000 | 0.0000 | 298.1500 | 1.1346 | [3] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | KBF4 | 0.1000 | 210.3700 | 139.8500 | 70.5200 | | 0.0000 | 0.0000 | 303.1500 | 1.2090 | [3] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | KBF4 | 0.1000 | 210.3700 | 139.8500 | 70.5200 | | 0.0000 | 0.0000 | 308.1500 | 1.2528 | [3] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | KBF4 | 0.1000 | 210.3700 | 139.8500 | 70.5200 | | 0.0000 | 0.0000 | 313.1500 | 1.3913 | [3] |
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | KBF4 | 0.1000 | 210.3700 | 139.8500 | 70.5200 | | 0.0000 | 0.0000 | 298.1500 | -0.1887 | [3] |
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | KBF4 | 0.1000 | 210.3700 | 139.8500 | 70.5200 | | 0.0000 | 0.0000 | 303.1500 | 0.0100 | [3] |
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | KBF4 | 0.1000 | 210.3700 | 139.8500 | 70.5200 | | 0.0000 | 0.0000 | 308.1500 | 0.2070 | [3] |
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | KBF4 | 0.1000 | 210.3700 | 139.8500 | 70.5200 | | 0.0000 | 0.0000 | 313.1500 | 0.3365 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | KBF4 | 0.1000 | 210.3700 | 139.8500 | 70.5200 | | 0.0000 | 0.0000 | 298.1500 | -2.3752 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | KBF4 | 0.1000 | 210.3700 | 139.8500 | 70.5200 | | 0.0000 | 0.0000 | 303.1500 | -2.0326 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | KBF4 | 0.1000 | 210.3700 | 139.8500 | 70.5200 | | 0.0000 | 0.0000 | 308.1500 | -1.8971 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | KBF4 | 0.1000 | 210.3700 | 139.8500 | 70.5200 | | 0.0000 | 0.0000 | 313.1500 | -1.5512 | [3] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | 1.2754 | [3] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | 1.2442 | [3] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | 1.2837 | [3] |
| C12mimBF4 | 376.6200 | 70.5200 | 447.1400 | 364.2500 | 88.1800 | 452.4300 | -213.9581 | -271.3669 | -485.3251 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | 1.1442 | [3] |
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | 0.0296 | [3] |
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | 0.2151 | [3] |
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | -0.1532 | [3] |
| C14mimBF4 | 420.4700 | 70.5200 | 490.9900 | 404.4700 | 88.1800 | 492.6500 | -215.3774 | -271.3669 | -486.7444 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | 0.0198 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | -2.1203 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | -2.5903 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | -2.6173 | [3] |
| C16mimBF4 | 463.9400 | 70.5200 | 534.4600 | 445.0100 | 88.1800 | 533.1900 | -216.6636 | -271.3669 | -488.0305 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | -2.2073 | [3] |
| C11COONa | 78.8400 | 292.5400 | 371.3800 | 88.9100 | 289.9300 | 378.8400 | 0.0000 | -368.9763 | -368.9763 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 108.5342 | 303.0000 | 2.5337 | [4] |
| C11COONa | 78.8400 | 292.5400 | 371.3800 | 88.9100 | 289.9300 | 378.8400 | 0.0000 | -368.9763 | -368.9763 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 217.0683 | 303.0000 | 1.9988 | [4] |
| C11COONa | 78.8400 | 292.5400 | 371.3800 | 88.9100 | 289.9300 | 378.8400 | 0.0000 | -368.9763 | -368.9763 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 434.1367 | 303.0000 | 1.8001 | [4] |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C11COONa | 78.8400 | 292.5400 | 371.3800 | 88.9100 | 289.9300 | 378.8400 | 0.0000 | -368.9763 | -368.9763 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 542.6709 | 303.0000 | 2.0794 | [4] |
| C10COONa | 78.8400 | 270.0700 | 348.9100 | 88.9100 | 269.6100 | 358.5200 | 0.0000 | -368.1571 | -368.1571 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 108.5342 | 303.0000 | 3.0397 | [4] |
| C10COONa | 78.8400 | 270.0700 | 348.9100 | 88.9100 | 269.6100 | 358.5200 | 0.0000 | -368.1571 | -368.1571 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 217.0683 | 303.0000 | 2.8792 | [4] |
| C10COONa | 78.8400 | 270.0700 | 348.9100 | 88.9100 | 269.6100 | 358.5200 | 0.0000 | -368.1571 | -368.1571 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 434.1367 | 303.0000 | 2.6741 | [4] |
| C10COONa | 78.8400 | 270.0700 | 348.9100 | 88.9100 | 269.6100 | 358.5200 | 0.0000 | -368.1571 | -368.1571 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 542.6709 | 303.0000 | 3.3673 | [4] |
| C12N(CH3)3Br | 363.6500 | 42.2100 | 405.8600 | 345.7600 | 58.6300 | 404.3900 | -226.6112 | -325.3283 | -551.9395 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 108.5342 | 303.0000 | 2.6247 | [4] |
| C12N(CH3)3Br | 363.6500 | 42.2100 | 405.8600 | 345.7600 | 58.6300 | 404.3900 | -226.6112 | -325.3283 | -551.9395 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 217.0683 | 303.0000 | 2.7600 | [4] |
| C12N(CH3)3Br | 363.6500 | 42.2100 | 405.8600 | 345.7600 | 58.6300 | 404.3900 | -226.6112 | -325.3283 | -551.9395 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 434.1367 | 303.0000 | 3.4995 | [4] |
| C12N(CH3)3Br | 363.6500 | 42.2100 | 405.8600 | 345.7600 | 58.6300 | 404.3900 | -226.6112 | -325.3283 | -551.9395 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 542.6709 | 303.0000 | 3.7773 | [4] |
| C10N(CH3)3Br | 319.7600 | 42.2100 | 361.9700 | 305.2100 | 58.6300 | 363.8400 | -225.4360 | -325.3283 | -550.7643 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 108.5342 | 303.0000 | 4.0073 | [4] |
| C10N(CH3)3Br | 319.7600 | 42.2100 | 361.9700 | 305.2100 | 58.6300 | 363.8400 | -225.4360 | -325.3283 | -550.7643 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 217.0683 | 303.0000 | 4.2822 | [4] |
| C10N(CH3)3Br | 319.7600 | 42.2100 | 361.9700 | 305.2100 | 58.6300 | 363.8400 | -225.4360 | -325.3283 | -550.7643 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 434.1367 | 303.0000 | 4.3745 | [4] |
| C10N(CH3)3Br | 319.7600 | 42.2100 | 361.9700 | 305.2100 | 58.6300 | 363.8400 | -225.4360 | -325.3283 | -550.7643 | | 0.0000 | 0.0000 | | | C2H5OH | 69.1200 | 1085.3417 | 303.0000 | 5.1358 | [4] |
| C12MPBr | 394.3900 | 42.2100 | 436.6000 | 368.5100 | 58.6300 | 427.1400 | -214.5496 | -325.3283 | -539.8779 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | 2.6027 | [5] |
| C14MPBr | 437.7800 | 42.2100 | 479.9900 | 408.3600 | 58.6300 | 466.9900 | -216.0335 | -325.3283 | -541.3618 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | 1.1939 | [5] |
| C16MPBr | 481.8800 | 42.2100 | 524.0900 | 448.7600 | 58.6300 | 507.3900 | -217.4268 | -325.3283 | -542.7551 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | -0.1508 | [5] |
| C12MPBr | 394.3900 | 42.2100 | 436.6000 | 368.5100 | 58.6300 | 427.1400 | -214.5496 | -325.3283 | -539.8779 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 303.1500 | 2.6101 | [5] |
| C14MPBr | 437.7800 | 42.2100 | 479.9900 | 408.3600 | 58.6300 | 466.9900 | -216.0335 | -325.3283 | -541.3618 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 303.1500 | 1.2238 | [5] |
| C16MPBr | 481.8800 | 42.2100 | 524.0900 | 448.7600 | 58.6300 | 507.3900 | -217.4268 | -325.3283 | -542.7551 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 303.1500 | -0.1244 | [5] |
| C12MPBr | 394.3900 | 42.2100 | 436.6000 | 368.5100 | 58.6300 | 427.1400 | -214.5496 | -325.3283 | -539.8779 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 308.1500 | 2.6247 | [5] |
| C14MPBr | 437.7800 | 42.2100 | 479.9900 | 408.3600 | 58.6300 | 466.9900 | -216.0335 | -325.3283 | -541.3618 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 308.1500 | 1.2669 | [5] |
| C16MPBr | 481.8800 | 42.2100 | 524.0900 | 448.7600 | 58.6300 | 507.3900 | -217.4268 | -325.3283 | -542.7551 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 308.1500 | -0.1098 | [5] |
| C12MPBr | 394.3900 | 42.2100 | 436.6000 | 368.5100 | 58.6300 | 427.1400 | -214.5496 | -325.3283 | -539.8779 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 313.1500 | 2.6603 | [5] |
| C14MPBr | 437.7800 | 42.2100 | 479.9900 | 408.3600 | 58.6300 | 466.9900 | -216.0335 | -325.3283 | -541.3618 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 313.1500 | 1.2837 | [5] |
| C16MPBr | 481.8800 | 42.2100 | 524.0900 | 448.7600 | 58.6300 | 507.3900 | -217.4268 | -325.3283 | -542.7551 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 313.1500 | -0.0440 | [5] |
| C12MPBr | 394.3900 | 42.2100 | 436.6000 | 368.5100 | 58.6300 | 427.1400 | -214.5496 | -325.3283 | -539.8779 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 318.1500 | 2.7147 | [5] |
| C14MPBr | 437.7800 | 42.2100 | 479.9900 | 408.3600 | 58.6300 | 466.9900 | -216.0335 | -325.3283 | -541.3618 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 318.1500 | 1.3297 | [5] |
| C16MPBr | 481.8800 | 42.2100 | 524.0900 | 448.7600 | 58.6300 | 507.3900 | -217.4268 | -325.3283 | -542.7551 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 318.1500 | -0.0080 | [5] |
| [$C_{16}$hpim]Br | 517.4900 | 42.2100 | 559.7000 | 486.8800 | 58.6300 | 545.5100 | -217.3100 | -325.3283 | -542.6383 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | -0.5852 | [6] |
| [$C_{16}$hpim]Br | 517.4900 | 42.2100 | 559.7000 | 486.8800 | 58.6300 | 545.5100 | -217.3100 | -325.3283 | -542.6383 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 303.1500 | -0.5834 | [6] |
| [$C_{16}$hpim]Br | 517.4900 | 42.2100 | 559.7000 | 486.8800 | 58.6300 | 545.5100 | -217.3100 | -325.3283 | -542.6383 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 308.1500 | -0.5763 | [6] |
| [$C_{16}$hpim]Br | 517.4900 | 42.2100 | 559.7000 | 486.8800 | 58.6300 | 545.5100 | -217.3100 | -325.3283 | -542.6383 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 313.1500 | -0.5516 | [6] |
| [$C_{16}$hpim]Br | 517.4900 | 42.2100 | 559.7000 | 486.8800 | 58.6300 | 545.5100 | -217.3100 | -325.3283 | -542.6383 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 318.1500 | -0.5226 | [6] |
| [$C_{16}$hpim]Br | 517.4900 | 42.2100 | 559.7000 | 486.8800 | 58.6300 | 545.5100 | -217.3100 | -325.3283 | -542.6383 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 323.1500 | -0.4976 | [6] |
| [$C_{16}$hpim]Br | 517.4900 | 42.2100 | 559.7000 | 486.8800 | 58.6300 | 545.5100 | -217.3100 | -325.3283 | -542.6383 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | -0.5745 | [6] |
| [$C_{16}$hpim]Br | 517.4900 | 42.2100 | 559.7000 | 486.8800 | 58.6300 | 545.5100 | -217.3100 | -325.3283 | -542.6383 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | -0.7529 | [6] |
| [$C_{16}$hpim]Br | 517.4900 | 42.2100 | 559.7000 | 486.8800 | 58.6300 | 545.5100 | -217.3100 | -325.3283 | -542.6383 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | -0.6482 | [6] |
| C12PDBr | 410.2000 | 42.2100 | 452.4100 | 379.3400 | 58.6300 | 437.9700 | -211.0887 | -325.3283 | -536.4169 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | 2.4706 | [7] |
| C14PDBr | 453.7900 | 42.2100 | 496.0000 | 419.5600 | 58.6300 | 478.1900 | -212.5292 | -325.3283 | -537.8575 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | 1.1694 | [7] |
| C16PDBr | 497.6200 | 42.2100 | 539.8300 | 459.8400 | 58.6300 | 518.4700 | -213.9215 | -325.3283 | -539.2498 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | -0.3147 | [7] |
| [C16Pyr][Amp] | 458.1800 | 396.4200 | 854.6000 | 437.5200 | 320.7500 | 758.2700 | -220.0165 | -388.4943 | -608.5108 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | -0.8119 | [8] |
| [C16Pyr][Amp] | 458.1800 | 396.4200 | 854.6000 | 437.5200 | 320.7500 | 758.2700 | -220.0165 | -388.4943 | -608.5108 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 310.1500 | -0.7381 | [8] |
| [P6,6,6,14][Amp] | 754.0800 | 396.4200 | 1150.5000 | 683.3200 | 320.7500 | 1004.0700 | -210.5310 | -388.4943 | -599.0253 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.1500 | -1.0272 | [8] |
| [P6,6,6,14][Amp] | 754.0800 | 396.4200 | 1150.5000 | 683.3200 | 320.7500 | 1004.0700 | -210.5310 | -388.4943 | -599.0253 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 310.1500 | -1.0906 | [8] |
| [C6mim]Cl | 244.5600 | 36.0900 | 280.6500 | 243.0900 | 52.8100 | 295.9000 | -209.8035 | -342.0077 | -551.8112 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 283.0000 | 5.7683 | [9] |
| [C6mim]Cl | 244.5600 | 36.0900 | 280.6500 | 243.0900 | 52.8100 | 295.9000 | -209.8035 | -342.0077 | -551.8112 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 288.0000 | 5.6348 | [9] |
| [C6mim]Cl | 244.5600 | 36.0900 | 280.6500 | 243.0900 | 52.8100 | 295.9000 | -209.8035 | -342.0077 | -551.8112 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 293.0000 | 5.5607 | [9] |
| [C6mim]Cl | 244.5600 | 36.0900 | 280.6500 | 243.0900 | 52.8100 | 295.9000 | -209.8035 | -342.0077 | -551.8112 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 5.7038 | [9] |
| [C6mim]Cl | 244.5600 | 36.0900 | 280.6500 | 243.0900 | 52.8100 | 295.9000 | -209.8035 | -342.0077 | -551.8112 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 303.0000 | 5.7366 | [9] |
| [C6mim]Cl | 244.5600 | 36.0900 | 280.6500 | 243.0900 | 52.8100 | 295.9000 | -209.8035 | -342.0077 | -551.8112 | NaCl | 500.0000 | 114.9300 | 78.8400 | 36.0900 | | 0.0000 | 0.0000 | 298.0000 | 5.0106 | [9] |
| [C6mim]Cl | 244.5600 | 36.0900 | 280.6500 | 243.0900 | 52.8100 | 295.9000 | -209.8035 | -342.0077 | -551.8112 | NaBr | 500.0000 | 121.0500 | 78.8400 | 42.2100 | | 0.0000 | 0.0000 | 298.0000 | 4.3820 | [9] |
| [C6mim]Cl | 244.5600 | 36.0900 | 280.6500 | 243.0900 | 52.8100 | 295.9000 | -209.8035 | -342.0077 | -551.8112 | NaI | 500.0000 | 131.1500 | 78.8400 | 52.3100 | | 0.0000 | 0.0000 | 298.0000 | 4.2485 | [9] |
| [OMIM][DS] | 288.0100 | 344.5200 | 632.5300 | 283.4300 | 338.6500 | 622.0800 | -210.9526 | -332.1363 | -543.0889 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | -1.4697 | [10] |
| [OMIM][Sc] | 288.0100 | 150.3800 | 438.3900 | 283.4300 | 155.3500 | 438.7800 | -210.9526 | -284.2390 | -495.1917 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 3.9608 | [10] |
| [OMIM][Bz] | 288.0100 | 142.3300 | 430.3400 | 283.4300 | 149.0900 | 432.5200 | -210.9526 | -356.0772 | -567.0298 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 4.2399 | [10] |
| [OMIM][Cl] | 288.0100 | 36.0900 | 324.1000 | 283.4300 | 52.8100 | 336.2400 | -210.9526 | -342.0077 | -552.9603 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 5.5102 | [10] |
| [OMIM][Ac] | 288.0100 | 70.9900 | 359.0000 | 283.4300 | 89.1800 | 372.6100 | -210.9526 | -365.8878 | -576.8404 | | 0.0000 | 0.0000 | | | | 0.0000 | 0.0000 | 298.0000 | 4.4694 | [10] |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [OMIM][DS] | 288.0100 | 344.5200 | 632.5300 | 283.4300 | 338.6500 | 622.0800 | -210.9526 | -332.1363 | -543.0889 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | -1.3471 | [10] |
| [OMIM][Sc] | 288.0100 | 150.3800 | 438.3900 | 283.4300 | 155.3500 | 438.7800 | -210.9526 | -284.2390 | -495.1917 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 3.9020 | [10] |
| [OMIM][Bz] | 288.0100 | 142.3300 | 430.3400 | 283.4300 | 149.0900 | 432.5200 | -210.9526 | -356.0772 | -567.0298 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 4.1287 | [10] |
| [OMIM][Cl] | 288.0100 | 36.0900 | 324.1000 | 283.4300 | 52.8100 | 336.2400 | -210.9526 | -342.0077 | -552.9603 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 5.5138 | [10] |
| [OMIM][Ac] | 288.0100 | 70.9900 | 359.0000 | 283.4300 | 89.1800 | 372.6100 | -210.9526 | -365.8878 | -576.8404 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 4.3920 | [10] |
| [Mor1,12]Br | 402.9900 | 42.2100 | 445.2000 | 371.5100 | 58.6300 | 430.1400 | -241.5539 | -325.3283 | -566.8822 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.6027 | [11] |
| [$Mor_{1,14}$]Br | 447.1900 | 42.2100 | 489.4000 | 411.6900 | 58.6300 | 470.3200 | -243.0099 | -325.3283 | -568.3382 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.2669 | [11] |
| [$Mor_{1,16}$]Br | 491.1400 | 42.2100 | 533.3500 | 451.9500 | 58.6300 | 510.5800 | -244.3578 | -325.3283 | -569.6861 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.0834 | [11] |
| $C_{12}$mimBr | 376.6200 | 42.2100 | 418.8300 | 364.2500 | 58.6300 | 422.8800 | -213.9581 | -325.3283 | -539.2864 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.3888 | [11] |
| $C_{14}$mimBr | 420.4700 | 42.2100 | 462.6800 | 404.4700 | 58.6300 | 463.1000 | -215.3774 | -325.3283 | -540.7057 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.0296 | [11] |
| $C_{16}$mimBr | 463.9400 | 42.2100 | 506.1500 | 445.0100 | 58.6300 | 503.6400 | -216.6636 | -325.3283 | -541.9919 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.5978 | [11] |
| [$Mor_{1,12}$]Br | 402.9900 | 42.2100 | 445.2000 | 371.5100 | 58.6300 | 430.1400 | -241.5539 | -325.3283 | -566.8822 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 303.1500 | 2.6247 | [11] |
| [$Mor_{1,14}$]Br | 447.1900 | 42.2100 | 489.4000 | 411.6900 | 58.6300 | 470.3200 | -243.0099 | -325.3283 | -568.3382 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 303.1500 | 1.2837 | [11] |
| [$Mor_{1,16}$]Br | 491.1400 | 42.2100 | 533.3500 | 451.9500 | 58.6300 | 510.5800 | -244.3578 | -325.3283 | -569.6861 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 303.1500 | -0.0726 | [11] |
| [$Mor_{1,12}$]Br | 402.9900 | 42.2100 | 445.2000 | 371.5100 | 58.6300 | 430.1400 | -241.5539 | -325.3283 | -566.8822 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 308.1500 | 2.6532 | [11] |
| [$Mor_{1,14}$]Br | 447.1900 | 42.2100 | 489.4000 | 411.6900 | 58.6300 | 470.3200 | -243.0099 | -325.3283 | -568.3382 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 308.1500 | 1.3083 | [11] |
| [$Mor_{1,16}$]Br | 491.1400 | 42.2100 | 533.3500 | 451.9500 | 58.6300 | 510.5800 | -244.3578 | -325.3283 | -569.6861 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 308.1500 | -0.0305 | [11] |
| [$Mor_{1,12}$]Br | 402.9900 | 42.2100 | 445.2000 | 371.5100 | 58.6300 | 430.1400 | -241.5539 | -325.3283 | -566.8822 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 313.1500 | 2.6946 | [11] |
| [$Mor_{1,14}$]Br | 447.1900 | 42.2100 | 489.4000 | 411.6900 | 58.6300 | 470.3200 | -243.0099 | -325.3283 | -568.3382 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 313.1500 | 1.3635 | [11] |
| [$Mor_{1,16}$]Br | 491.1400 | 42.2100 | 533.3500 | 451.9500 | 58.6300 | 510.5800 | -244.3578 | -325.3283 | -569.6861 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 313.1500 | -0.0101 | [11] |
| [$Mor_{1,12}$]Br | 402.9900 | 42.2100 | 445.2000 | 371.5100 | 58.6300 | 430.1400 | -241.5539 | -325.3283 | -566.8822 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 318.1500 | 2.7279 | [11] |
| [Mor1,14]Br | 447.1900 | 42.2100 | 489.4000 | 411.6900 | 58.6300 | 470.3200 | -243.0099 | -325.3283 | -568.3382 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 318.1500 | 1.4061 | [11] |
| [Mor1,16]Br | 491.1400 | 42.2100 | 533.3500 | 451.9500 | 58.6300 | 510.5800 | -244.3578 | -325.3283 | -569.6861 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 318.1500 | 0.0296 | [11] |
| [Pip1,2] 4-(4-chloro-2-methylphe | 189.9800 | 266.3900 | 456.3700 | 177.7300 | 257.0900 | 434.8200 | -206.0512 | -358.8492 | -564.9004 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 3.4468 | [12] |
| [Pip1,3] 4-(4-chloro-2-methylphe | 212.2200 | 266.3900 | 478.6100 | 197.2900 | 257.0900 | 454.3800 | -204.1987 | -358.8492 | -563.0479 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 3.3911 | [12] |
| [Pip1,4] 4-(4-chloro-2-methylphe | 233.8100 | 266.3900 | 500.2000 | 217.0100 | 257.0900 | 474.1000 | -204.7496 | -358.8492 | -563.5988 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 3.3429 | [12] |
| [Pip1,5] 4-(4-chloro-2-methylphe | 256.3200 | 266.3900 | 522.7100 | 237.6800 | 257.0900 | 494.7700 | -205.5138 | -358.8492 | -564.3630 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 3.3214 | [12] |
| [Pip1,6] 4-(4-chloro-2-methylphe | 277.3800 | 266.3900 | 543.7700 | 258.1500 | 257.0900 | 515.2400 | -206.5404 | -358.8492 | -565.3896 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 3.1570 | [12] |
| [Pip1,7] 4-(4-chloro-2-methylphe | 299.4800 | 266.3900 | 565.8700 | 278.4900 | 257.0900 | 535.5800 | -207.2708 | -358.8492 | -566.1200 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 3.0956 | [12] |
| [Pip1,8] 4-(4-chloro-2-methylphe | 321.4300 | 266.3900 | 587.8200 | 298.7500 | 257.0900 | 555.8400 | -208.1256 | -358.8492 | -566.9748 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.9907 | [12] |
| [Pip1,9] 4-(4-chloro-2-methylphe | 343.3700 | 266.3900 | 609.7600 | 318.4900 | 257.0900 | 575.5800 | -208.9014 | -358.8492 | -567.7506 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.6114 | [12] |
| [Pip1,10] 4-(4-chloro-2-methylph | 365.3900 | 266.3900 | 631.7800 | 338.8200 | 257.0900 | 595.9100 | -209.6549 | -358.8492 | -568.5041 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.1506 | [12] |
| [Pip1,11] 4-(4-chloro-2-methylph | 387.7800 | 266.3900 | 654.1700 | 359.4100 | 257.0900 | 616.5000 | -210.3342 | -358.8492 | -569.1834 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.6931 | [12] |
| [Pip1,12] 4-(4-chloro-2-methylph | 410.2000 | 266.3900 | 676.5900 | 379.3400 | 257.0900 | 636.4300 | -211.0887 | -358.8492 | -569.9379 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.0000 | [12] |
| [Pip1,14] 4-(4-chloro-2-methylph | 453.7900 | 266.3900 | 720.1800 | 419.5600 | 257.0900 | 676.6500 | -212.5292 | -358.8492 | -571.3784 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -1.1394 | [12] |
| [Pip1,16] 4-(4-chloro-2-methylph | 497.6200 | 266.3900 | 764.0100 | 459.8400 | 257.0900 | 716.9300 | -213.9215 | -358.8492 | -572.7707 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -2.3026 | [12] |
| [Pip1,18] 4-(4-chloro-2-methylph | 541.8400 | 266.3900 | 808.2300 | 500.6400 | 257.0900 | 757.7300 | -215.1594 | -358.8492 | -574.0086 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -2.5257 | [12] |
| C8mimBr | 288.0100 | 42.2100 | 330.2200 | 283.4300 | 58.6300 | 342.0600 | -210.9526 | -325.3283 | -536.2809 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 5.1358 | [13] |
| $C_{10}$mimBr | 332.5300 | 42.2100 | 374.7400 | 323.9700 | 58.6300 | 382.6000 | -212.3430 | -325.3283 | -537.6713 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 3.4965 | [13] |
| $C_{12}$mimBr | 376.6200 | 42.2100 | 418.8300 | 364.2500 | 58.6300 | 422.8800 | -213.9581 | -325.3283 | -539.2864 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.1972 | [13] |
| $C_{14}$mimBr | 420.4700 | 42.2100 | 462.6800 | 404.4700 | 58.6300 | 463.1000 | -215.3774 | -325.3283 | -540.7057 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.6419 | [13] |
| C8PyrBr | 282.3300 | 42.2100 | 324.5400 | 276.3100 | 58.6300 | 334.9400 | -214.1424 | -325.3283 | -539.4707 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 5.1930 | [13] |
| $C_{10}$PyrBr | 325.1400 | 42.2100 | 367.3500 | 316.0100 | 58.6300 | 374.6400 | -215.7557 | -325.3283 | -541.0839 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 3.4012 | [13] |
| $C_{12}$PyrBr | 369.0400 | 42.2100 | 411.2500 | 356.5800 | 58.6300 | 415.2100 | -217.5966 | -325.3283 | -542.9249 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.2300 | [13] |
| $C_{14}$PyrBr | 413.1200 | 42.2100 | 455.3300 | 397.0900 | 58.6300 | 455.7200 | -219.1172 | -325.3283 | -544.4455 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.7885 | [13] |
| $C_8$mimBr | 288.0100 | 42.2100 | 330.2200 | 283.4300 | 58.6300 | 342.0600 | -210.9526 | -325.3283 | -536.2809 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 5.0752 | [13] |
| $C_{10}$mimBr | 332.5300 | 42.2100 | 374.7400 | 323.9700 | 58.6300 | 382.6000 | -212.3430 | -325.3283 | -537.6713 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 3.7377 | [13] |
| $C_{12}$mimBr | 376.6200 | 42.2100 | 418.8300 | 364.2500 | 58.6300 | 422.8800 | -213.9581 | -325.3283 | -539.2864 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.3026 | [13] |
| $C_{14}$mimBr | 420.4700 | 42.2100 | 462.6800 | 404.4700 | 58.6300 | 463.1000 | -215.3774 | -325.3283 | -540.7057 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.9163 | [13] |
| $C_8$PyrBr | 282.3300 | 42.2100 | 324.5400 | 276.3100 | 58.6300 | 334.9400 | -214.1424 | -325.3283 | -539.4707 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 5.2470 | [13] |
| $C_{10}$PyrBr | 325.1400 | 42.2100 | 367.3500 | 316.0100 | 58.6300 | 374.6400 | -215.7557 | -325.3283 | -541.0839 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 3.8712 | [13] |
| $C_{12}$PyrBr | 369.0400 | 42.2100 | 411.2500 | 356.5800 | 58.6300 | 415.2100 | -217.5966 | -325.3283 | -542.9249 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.4849 | [13] |
| $C_{14}$PyrBr | 413.1200 | 42.2100 | 455.3300 | 397.0900 | 58.6300 | 455.7200 | -219.1172 | -325.3283 | -544.4455 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.0296 | [13] |
| $C_8$mimBr | 288.0100 | 42.2100 | 330.2200 | 283.4300 | 58.6300 | 342.0600 | -210.9526 | -325.3283 | -536.2809 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 5.1761 | [13] |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $C_{10}$mimBr | 332.5300 | 42.2100 | 374.7400 | 323.9700 | 58.6300 | 382.6000 | -212.3430 | -325.3283 | -537.6713 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 3.6636 | [13] |
| $C_{12}$mimBr | 376.6200 | 42.2100 | 418.8300 | 364.2500 | 58.6300 | 422.8800 | -213.9581 | -325.3283 | -539.2864 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.0794 | [13] |
| $C_{14}$mimBr | 420.4700 | 42.2100 | 462.6800 | 404.4700 | 58.6300 | 463.1000 | -215.3774 | -325.3283 | -540.7057 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.3365 | [13] |
| $C_8$PyrBr | 282.3300 | 42.2100 | 324.5400 | 276.3100 | 58.6300 | 334.9400 | -214.1424 | -325.3283 | -539.4707 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 5.2149 | [13] |
| $C_{10}$PyrBr | 325.1400 | 42.2100 | 367.3500 | 316.0100 | 58.6300 | 374.6400 | -215.7557 | -325.3283 | -541.0839 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 3.8067 | [13] |
| $C_{12}$PyrBr | 369.0400 | 42.2100 | 411.2500 | 356.5800 | 58.6300 | 415.2100 | -217.5966 | -325.3283 | -542.9249 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.2300 | [13] |
| $C_{14}$PyrBr | 413.1200 | 42.2100 | 455.3300 | 397.0900 | 58.6300 | 455.7200 | -219.1172 | -325.3283 | -544.4455 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.4055 | [13] |
| $C_8$mimBr | 288.0100 | 42.2100 | 330.2200 | 283.4300 | 58.6300 | 342.0600 | -210.9526 | -325.3283 | -536.2809 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 4.8675 | [13] |
| $C_{10}$mimBr | 332.5300 | 42.2100 | 374.7400 | 323.9700 | 58.6300 | 382.6000 | -212.3430 | -325.3283 | -537.6713 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 3.2189 | [13] |
| $C_{12}$mimBr | 376.6200 | 42.2100 | 418.8300 | 364.2500 | 58.6300 | 422.8800 | -213.9581 | -325.3283 | -539.2864 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.9459 | [13] |
| $C_{14}$mimBr | 420.4700 | 42.2100 | 462.6800 | 404.4700 | 58.6300 | 463.1000 | -215.3774 | -325.3283 | -540.7057 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.5878 | [13] |
| $C_{12}$PyrBr | 370.5400 | 42.2100 | 412.7500 | 356.7900 | 58.6300 | 415.4200 | -216.8315 | -325.3283 | -542.1598 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.3026 | [13] |
| $C_{14}$PyrBr | 414.3800 | 42.2100 | 456.5900 | 396.9300 | 58.6300 | 455.5600 | -218.5576 | -325.3283 | -543.8859 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.8755 | [13] |
| C6EMeImBr | 304.3500 | 42.2100 | 346.5600 | 296.6700 | 58.6300 | 355.3000 | -241.2712 | -325.3283 | -566.5995 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 5.2730 | [14] |
| C8EMeImBr | 346.3100 | 42.2100 | 388.5200 | 336.0400 | 58.6300 | 394.6700 | -232.4042 | -325.3283 | -557.7325 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 4.3438 | [14] |
| C10EMeImBr | 392.0400 | 42.2100 | 434.2500 | 376.7400 | 58.6300 | 435.3700 | -244.9328 | -325.3283 | -570.2611 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.8332 | [14] |
| C12EMeImBr | 436.6000 | 42.2100 | 478.8100 | 417.0000 | 58.6300 | 475.6300 | -246.6889 | -325.3283 | -572.0171 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.3350 | [14] |
| C14EMeImBr | 479.3400 | 42.2100 | 521.5500 | 457.1600 | 58.6300 | 515.7900 | -245.9874 | -325.3283 | -571.3157 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.0619 | [14] |
| C6EPyrBr | 295.2500 | 42.2100 | 337.4600 | 288.7600 | 58.6300 | 347.3900 | -237.6916 | -325.3283 | -563.0199 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 5.2983 | [14] |
| C8EPyrBr | 340.8100 | 42.2100 | 383.0200 | 329.2300 | 58.6300 | 387.8600 | -238.9507 | -325.3283 | -564.2790 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 4.2905 | [14] |
| C10EPyrBr | 383.9300 | 42.2100 | 426.1400 | 369.5400 | 58.6300 | 428.1700 | -240.4955 | -325.3283 | -565.8237 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.8332 | [14] |
| C12EPyrBr | 428.0600 | 42.2100 | 470.2700 | 410.5100 | 58.6300 | 469.1400 | -241.8781 | -325.3283 | -567.2064 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.4110 | [14] |
| C14EPyrBr | 471.2100 | 42.2100 | 513.4200 | 450.2500 | 58.6300 | 508.8800 | -243.6650 | -325.3283 | -568.9933 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.0943 | [14] |
| C6EMeImBr | 304.3500 | 42.2100 | 346.5600 | 296.6700 | 58.6300 | 355.3000 | -241.2712 | -325.3283 | -566.5995 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 4.4998 | [14] |
| C8EMeImBr | 346.3100 | 42.2100 | 388.5200 | 336.0400 | 58.6300 | 394.6700 | -232.4042 | -325.3283 | -557.7325 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 3.7612 | [14] |
| C10EMeImBr | 392.0400 | 42.2100 | 434.2500 | 376.7400 | 58.6300 | 435.3700 | -244.9328 | -325.3283 | -570.2611 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.4849 | [14] |
| C12EMeImBr | 436.6000 | 42.2100 | 478.8100 | 417.0000 | 58.6300 | 475.6300 | -246.6889 | -325.3283 | -572.0171 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.9163 | [14] |
| C14EMeImBr | 479.3400 | 42.2100 | 521.5500 | 457.1600 | 58.6300 | 515.7900 | -245.9874 | -325.3283 | -571.3157 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.1054 | [14] |
| C6EPyrBr | 295.2500 | 42.2100 | 337.4600 | 288.7600 | 58.6300 | 347.3900 | -237.6916 | -325.3283 | -563.0199 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 5.2470 | [14] |
| C8EPyrBr | 340.8100 | 42.2100 | 383.0200 | 329.2300 | 58.6300 | 387.8600 | -238.9507 | -325.3283 | -564.2790 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 4.0943 | [14] |
| C10EPyrBr | 383.9300 | 42.2100 | 426.1400 | 369.5400 | 58.6300 | 428.1700 | -240.4955 | -325.3283 | -565.8237 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.6391 | [14] |
| C12EPyrBr | 428.0600 | 42.2100 | 470.2700 | 410.5100 | 58.6300 | 469.1400 | -241.8781 | -325.3283 | -567.2064 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.2238 | [14] |
| C14EPyrBr | 471.2100 | 42.2100 | 513.4200 | 450.2500 | 58.6300 | 508.8800 | -243.6650 | -325.3283 | -568.9933 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.1054 | [14] |
| C8EMeImBr | 346.3100 | 42.2100 | 388.5200 | 336.0400 | 58.6300 | 394.6700 | -232.4042 | -325.3283 | -557.7325 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 4.3041 | [14] |
| C10EMeImBr | 392.0400 | 42.2100 | 434.2500 | 376.7400 | 58.6300 | 435.3700 | -244.9328 | -325.3283 | -570.2611 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.7726 | [14] |
| C12EMeImBr | 436.6000 | 42.2100 | 478.8100 | 417.0000 | 58.6300 | 475.6300 | -246.6889 | -325.3283 | -572.0171 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.3350 | [14] |
| C14EMeImBr | 479.3400 | 42.2100 | 521.5500 | 457.1600 | 58.6300 | 515.7900 | -245.9874 | -325.3283 | -571.3157 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.0000 | [14] |
| C10EPyrBr | 383.9300 | 42.2100 | 426.1400 | 369.5400 | 58.6300 | 428.1700 | -240.4955 | -325.3283 | -565.8237 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.6391 | [14] |
| C12EPyrBr | 428.0600 | 42.2100 | 470.2700 | 410.5100 | 58.6300 | 469.1400 | -241.8781 | -325.3283 | -567.2064 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.2238 | [14] |
| C14EPyrBr | 471.2100 | 42.2100 | 513.4200 | 450.2500 | 58.6300 | 508.8800 | -243.6650 | -325.3283 | -568.9933 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.1393 | [14] |
| CetPySal | 458.1800 | 150.3800 | 608.5600 | 437.5200 | 155.3500 | 592.8700 | -220.0165 | -284.2390 | -504.2555 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -1.6607 | [15] |
| EmimSal | 156.8300 | 150.3800 | 307.2100 | 162.7300 | 155.3500 | 318.0800 | -208.6119 | -284.2390 | -492.8509 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.4308 | [15] |
| N[1,1,8,C6]MCPA | 362.6900 | 217.0400 | 579.7300 | 327.2600 | 209.5800 | 536.8400 | -205.8515 | -331.5805 | -537.4320 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.6946 | [16] |
| N[1,1,10,C6]MCPA | 406.8800 | 217.0400 | 623.9200 | 367.8400 | 209.5800 | 577.4200 | -207.4058 | -331.5805 | -538.9864 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.3813 | [16] |
| N[1,1,12,C6]MCPA | 450.5000 | 217.0400 | 667.5400 | 408.2600 | 209.5800 | 617.8400 | -208.8107 | -331.5805 | -540.3912 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.1655 | [16] |
| N[1,1,14,C6]MCPA | 494.3100 | 217.0400 | 711.3500 | 448.5100 | 209.5800 | 658.0900 | -210.4963 | -331.5805 | -542.0768 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.8210 | [16] |
| N[1,1,16,C6]MCPA | 538.1100 | 217.0400 | 755.1500 | 488.9000 | 209.5800 | 698.4800 | -211.8326 | -331.5805 | -543.4131 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -2.1203 | [16] |
| N[1,1,18,C6]MCPA | 583.2000 | 217.0400 | 800.2400 | 530.1900 | 209.5800 | 739.7700 | -212.4086 | -331.5805 | -543.9891 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -2.9957 | [16] |
| N[1,1,1-O-8,C6]MCPA | 393.7200 | 217.0400 | 610.7600 | 348.9000 | 209.5800 | 558.4800 | -210.8118 | -331.5805 | -542.3923 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.9920 | [16] |
| N[1,1,1-O-10,C6]MCPA | 437.1900 | 217.0400 | 654.2300 | 388.0200 | 209.5800 | 597.6000 | -212.8225 | -331.5805 | -544.4030 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.7419 | [16] |
| N[1,1,1-O-12,C6]MCPA | 480.9200 | 217.0400 | 697.9600 | 428.2100 | 209.5800 | 637.7900 | -214.3315 | -331.5805 | -545.9121 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.7765 | [16] |
| N[1,1,1-O-14,C6]MCPA | 526.0900 | 217.0400 | 743.1300 | 470.0600 | 209.5800 | 679.6400 | -215.0938 | -331.5805 | -546.6743 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -1.6607 | [16] |
| [Pyrro][C5H11CO2] | 107.2100 | 160.2800 | 267.4900 | 119.3500 | 168.2700 | 287.6200 | -271.4364 | -362.7733 | -634.2097 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 2.2300 | [17] |
| [Pyrro][$C_6H_{13}CO_2$] | 107.2100 | 182.3000 | 289.5100 | 119.3500 | 188.4800 | 307.8300 | -271.4364 | -364.0652 | -635.5016 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 1.5686 | [17] |
| [Pyrro][$C_7H_{15}CO_2$] | 107.2100 | 204.1900 | 311.4000 | 119.3500 | 208.6500 | 328.0000 | -271.4364 | -364.8274 | -636.2638 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 1.0296 | [17] |
| [Pyrro][$C_8H_{17}CO_2$] | 107.2100 | 226.1700 | 333.3800 | 119.3500 | 228.8200 | 348.1700 | -271.4364 | -365.3349 | -636.7713 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 0.7419 | [17] |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [Im][C5H11CO2] | 87.5600 | 160.2800 | 247.8400 | 102.7700 | 168.2700 | 271.0400 | -263.7127 | -362.7733 | -626.4860 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 2.4159 | [17] |
| [Im][$C_6H_{13}CO_2$] | 87.5600 | 182.3000 | 269.8600 | 102.7700 | 188.4800 | 291.2500 | -263.7127 | -364.0652 | -627.7779 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 1.7579 | [17] |
| [Im][$C_7H_{15}CO_2$] | 87.5600 | 204.1900 | 291.7500 | 102.7700 | 208.6500 | 311.4200 | -263.7127 | -364.8274 | -628.5402 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 1.5261 | [17] |
| [Im][$C_8H_{17}CO_2$] | 87.5600 | 226.1700 | 313.7300 | 102.7700 | 228.8200 | 331.5900 | -263.7127 | -365.3349 | -629.0477 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 0.9555 | [17] |
| [Pyrro][C5H11CO2] | 107.2100 | 160.2800 | 267.4900 | 119.3500 | 168.2700 | 287.6200 | -271.4364 | -362.7733 | -634.2097 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 2.2513 | [17] |
| [Pyrro][$C_6H_{13}CO_2$] | 107.2100 | 182.3000 | 289.5100 | 119.3500 | 188.4800 | 307.8300 | -271.4364 | -364.0652 | -635.5016 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 1.5261 | [17] |
| [Pyrro][$C_7H_{15}CO_2$] | 107.2100 | 204.1900 | 311.4000 | 119.3500 | 208.6500 | 328.0000 | -271.4364 | -364.8274 | -636.2638 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 1.0296 | [17] |
| [Pyrro][$C_8H_{17}CO_2$] | 107.2100 | 226.1700 | 333.3800 | 119.3500 | 228.8200 | 348.1700 | -271.4364 | -365.3349 | -636.7713 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 0.7885 | [17] |
| [Im][C5H11CO2] | 87.5600 | 160.2800 | 247.8400 | 102.7700 | 168.2700 | 271.0400 | -263.7127 | -362.7733 | -626.4860 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 2.4159 | [17] |
| [Im][$C_6H_{13}CO_2$] | 87.5600 | 182.3000 | 269.8600 | 102.7700 | 188.4800 | 291.2500 | -263.7127 | -364.0652 | -627.7779 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 1.7579 | [17] |
| [Im][$C_7H_{15}CO_2$] | 87.5600 | 204.1900 | 291.7500 | 102.7700 | 208.6500 | 311.4200 | -263.7127 | -364.8274 | -628.5402 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 1.5041 | [17] |
| [Im][$C_8H_{17}CO_2$] | 87.5600 | 226.1700 | 313.7300 | 102.7700 | 228.8200 | 331.5900 | -263.7127 | -365.3349 | -629.0477 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 0.9933 | [17] |
| N-(Cyclohexanoxycarbonylmethyl | 275.3900 | 42.2100 | 317.6000 | 259.8800 | 58.6300 | 318.5100 | -227.1004 | -325.3283 | -552.4287 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.7279 | [18] |
| N-(Cyclohexanoxycarbonylmethyl | 275.3900 | 36.0900 | 311.4800 | 259.8800 | 52.8100 | 312.6900 | -227.1004 | -342.0077 | -569.1081 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.8622 | [18] |
| 2-Methyl-N-(cyclohexanoxycarbor | 297.7300 | 42.2100 | 339.9400 | 271.9000 | 58.6300 | 330.5300 | -216.5189 | -325.3283 | -541.8471 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.7081 | [18] |
| 2-Methyl-N-(cyclohexanoxycarbor | 297.7300 | 36.0900 | 333.8200 | 271.9000 | 52.8100 | 324.7100 | -216.5189 | -342.0077 | -558.5266 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.7213 | [18] |
| 3-Methyl-N-(cyclohexanoxycarbor | 303.3500 | 42.2100 | 345.5600 | 273.4500 | 58.6300 | 332.0800 | -231.1036 | -325.3283 | -556.4319 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.5900 | [18] |
| 3-Methyl-N-(cyclohexanoxycarbor | 303.3500 | 36.0900 | 339.4400 | 273.4500 | 52.8100 | 326.2600 | -231.1036 | -342.0077 | -573.1113 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.7087 | [18] |
| 4-Methyl-N-(cyclohexanoxycarbor | 302.4200 | 42.2100 | 344.6300 | 276.8900 | 58.6300 | 335.5200 | -224.9459 | -325.3283 | -550.2742 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.8130 | [18] |
| 4-Methyl-N-(cyclohexanoxycarbor | 302.4200 | 36.0900 | 338.5100 | 276.8900 | 52.8100 | 329.7000 | -224.9459 | -342.0077 | -566.9536 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.8142 | [18] |
| 3-Methyl-N-(cyclohexanoxycarbor | 285.1000 | 42.2100 | 327.3100 | 265.4800 | 58.6300 | 324.1100 | -234.1438 | -325.3283 | -559.4721 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.5257 | [18] |
| 3-Methyl-N-(Cyclohexanoxycarbo | 285.1000 | 36.0900 | 321.1900 | 265.4800 | 52.8100 | 318.2900 | -234.1438 | -342.0077 | -576.1515 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.5649 | [18] |
| N-(Cyclohexanoxycarbonylmethyl | 275.3900 | 42.2100 | 317.6000 | 259.8800 | 58.6300 | 318.5100 | -227.1004 | -325.3283 | -552.4287 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.5953 | [18] |
| N-(Cyclohexanoxycarbonylmethyl | 275.3900 | 36.0900 | 311.4800 | 259.8800 | 52.8100 | 312.6900 | -227.1004 | -342.0077 | -569.1081 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.9014 | [18] |
| 2-Methyl-N-(cyclohexanoxycarbor | 297.7300 | 42.2100 | 339.9400 | 271.9000 | 58.6300 | 330.5300 | -216.5189 | -325.3283 | -541.8471 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.6247 | [18] |
| 2-Methyl-N-(cyclohexanoxycarbor | 297.7300 | 36.0900 | 333.8200 | 271.9000 | 52.8100 | 324.7100 | -216.5189 | -342.0077 | -558.5266 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.7625 | [18] |
| 3-Methyl-N-(cyclohexanoxycarbor | 303.3500 | 42.2100 | 345.5600 | 273.4500 | 58.6300 | 332.0800 | -231.1036 | -325.3283 | -556.4319 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.5329 | [18] |
| 3-Methyl-N-(cyclohexanoxycarbor | 303.3500 | 36.0900 | 339.4400 | 273.4500 | 52.8100 | 326.2600 | -231.1036 | -342.0077 | -573.1113 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.6225 | [18] |
| 4-Methyl-N-(cyclohexanoxycarbor | 302.4200 | 42.2100 | 344.6300 | 276.8900 | 58.6300 | 335.5200 | -224.9459 | -325.3283 | -550.2742 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.7395 | [18] |
| 4-Methyl-N-(cyclohexanoxycarbor | 302.4200 | 36.0900 | 338.5100 | 276.8900 | 52.8100 | 329.7000 | -224.9459 | -342.0077 | -566.9536 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.7625 | [18] |
| 3-Methyl-N-(cyclohexanoxycarbor | 285.1000 | 42.2100 | 327.3100 | 265.4800 | 58.6300 | 324.1100 | -234.1438 | -325.3283 | -559.4721 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.5787 | [18] |
| 3-Methyl-N-(Cyclohexanoxycarbo | 285.1000 | 36.0900 | 321.1900 | 265.4800 | 52.8100 | 318.2900 | -234.1438 | -342.0077 | -576.1515 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.6056 | [18] |
| [$C_{12}$mim]Cl | 376.6200 | 36.0900 | 412.7100 | 364.2500 | 52.8100 | 417.0600 | -213.9581 | -342.0077 | -555.9658 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 296.1500 | 2.8154 | [19] |
| [$C_6$mim]$HSO_4$ | 244.5600 | 79.7500 | 324.3100 | 243.0900 | 97.1200 | 340.2100 | -209.8035 | -320.3737 | -530.1772 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 6.3919 | [20] |
| [$C_8$mim]$HSO_4$ | 288.0100 | 79.7500 | 367.7600 | 283.4300 | 97.1200 | 380.5500 | -210.9526 | -320.3737 | -531.3264 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 5.3230 | [20] |
| [$C_{10}$mim]$HSO_4$ | 332.5300 | 79.7500 | 412.2800 | 323.9700 | 97.1200 | 421.0900 | -212.3430 | -320.3737 | -532.7167 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 3.6217 | [20] |
| [$C_{12}$mim]$HSO_4$ | 376.6200 | 79.7500 | 456.3700 | 364.2500 | 97.1200 | 461.3700 | -213.9581 | -320.3737 | -534.3319 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.3273 | [20] |
| [$C_{14}$mim]$HSO_4$ | 420.4700 | 79.7500 | 500.2200 | 404.4700 | 97.1200 | 501.5900 | -215.3774 | -320.3737 | -535.7512 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.2070 | [20] |
| [$C_6$mim]$HSO_4$ | 244.5600 | 79.7500 | 324.3100 | 243.0900 | 97.1200 | 340.2100 | -209.8035 | -320.3737 | -530.1772 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 6.3953 | [20] |
| [$C_8$mim]$HSO_4$ | 288.0100 | 79.7500 | 367.7600 | 283.4300 | 97.1200 | 380.5500 | -210.9526 | -320.3737 | -531.3264 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 5.3279 | [20] |
| [$C_{10}$mim]$HSO_4$ | 332.5300 | 79.7500 | 412.2800 | 323.9700 | 97.1200 | 421.0900 | -212.3430 | -320.3737 | -532.7167 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 3.6297 | [20] |
| [$C_{12}$mim]$HSO_4$ | 376.6200 | 79.7500 | 456.3700 | 364.2500 | 97.1200 | 461.3700 | -213.9581 | -320.3737 | -534.3319 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.2885 | [20] |
| [$C_{14}$mim]$HSO_4$ | 420.4700 | 79.7500 | 500.2200 | 404.4700 | 97.1200 | 501.5900 | -215.3774 | -320.3737 | -535.7512 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.7793 | [20] |
| [$C_{10}$mim]$HSO_4$ | 332.5300 | 79.7500 | 412.2800 | 323.9700 | 97.1200 | 421.0900 | -212.3430 | -320.3737 | -532.7167 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 3.8133 | [20] |
| [$C_{12}$mim]$HSO_4$ | 376.6200 | 79.7500 | 456.3700 | 364.2500 | 97.1200 | 461.3700 | -213.9581 | -320.3737 | -534.3319 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.3076 | [20] |
| [$C_{14}$mim]$HSO_4$ | 420.4700 | 79.7500 | 500.2200 | 404.4700 | 97.1200 | 501.5900 | -215.3774 | -320.3737 | -535.7512 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.8502 | [20] |
| [C12mim]Br | 376.6200 | 42.2100 | 418.8300 | 364.2500 | 58.6300 | 422.8800 | -213.9581 | -325.3283 | -539.2864 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 278.1500 | 2.3321 | [21] |
| [C12mim]Br | 376.6200 | 42.2100 | 418.8300 | 364.2500 | 58.6300 | 422.8800 | -213.9581 | -325.3283 | -539.2864 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 288.1500 | 2.2865 | [21] |
| [C12mim]Br | 376.6200 | 42.2100 | 418.8300 | 364.2500 | 58.6300 | 422.8800 | -213.9581 | -325.3283 | -539.2864 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.2701 | [21] |
| [C12mim]Br | 376.6200 | 42.2100 | 418.8300 | 364.2500 | 58.6300 | 422.8800 | -213.9581 | -325.3283 | -539.2864 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 308.1500 | 2.3125 | [21] |
| [C12mim]Br | 376.6200 | 42.2100 | 418.8300 | 364.2500 | 58.6300 | 422.8800 | -213.9581 | -325.3283 | -539.2864 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 318.1500 | 2.3514 | [21] |
| [C12mim]Br | 376.6200 | 42.2100 | 418.8300 | 364.2500 | 58.6300 | 422.8800 | -213.9581 | -325.3283 | -539.2864 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 328.1500 | 2.3888 | [21] |
| [C14mim]Br | 420.4700 | 42.2100 | 462.6800 | 404.4700 | 58.6300 | 463.1000 | -215.3774 | -325.3283 | -540.7057 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 278.1500 | 1.0260 | [21] |
| [C14mim]Br | 420.4700 | 42.2100 | 462.6800 | 404.4700 | 58.6300 | 463.1000 | -215.3774 | -325.3283 | -540.7057 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 288.1500 | 0.9969 | [21] |
| [C14mim]Br | 420.4700 | 42.2100 | 462.6800 | 404.4700 | 58.6300 | 463.1000 | -215.3774 | -325.3283 | -540.7057 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.9895 | [21] |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [C14mim]Br | 420.4700 | 42.2100 | 462.6800 | 404.4700 | 58.6300 | 463.1000 | -215.3774 | -325.3283 | -540.7057 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 308.1500 | 1.0080 | [21] |
| [C14mim]Br | 420.4700 | 42.2100 | 462.6800 | 404.4700 | 58.6300 | 463.1000 | -215.3774 | -325.3283 | -540.7057 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 318.1500 | 1.0367 | [21] |
| [C14mim]Br | 420.4700 | 42.2100 | 462.6800 | 404.4700 | 58.6300 | 463.1000 | -215.3774 | -325.3283 | -540.7057 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 328.1500 | 1.0613 | [21] |
| [C16mim]Br | 463.9400 | 42.2100 | 506.1500 | 445.0100 | 58.6300 | 503.6400 | -216.6636 | -325.3283 | -541.9919 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 278.1500 | -0.6349 | [21] |
| [C16mim]Br | 463.9400 | 42.2100 | 506.1500 | 445.0100 | 58.6300 | 503.6400 | -216.6636 | -325.3283 | -541.9919 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 288.1500 | -0.6539 | [21] |
| [C16mim]Br | 463.9400 | 42.2100 | 506.1500 | 445.0100 | 58.6300 | 503.6400 | -216.6636 | -325.3283 | -541.9919 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | -0.6733 | [21] |
| [C16mim]Br | 463.9400 | 42.2100 | 506.1500 | 445.0100 | 58.6300 | 503.6400 | -216.6636 | -325.3283 | -541.9919 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 308.1500 | -0.6539 | [21] |
| [C16mim]Br | 463.9400 | 42.2100 | 506.1500 | 445.0100 | 58.6300 | 503.6400 | -216.6636 | -325.3283 | -541.9919 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 318.1500 | -0.6162 | [21] |
| [C16mim]Br | 463.9400 | 42.2100 | 506.1500 | 445.0100 | 58.6300 | 503.6400 | -216.6636 | -325.3283 | -541.9919 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 328.1500 | -0.5621 | [21] |
| [C12mim]Br | 376.6200 | 42.2100 | 418.8300 | 364.2500 | 58.6300 | 422.8800 | -213.9581 | -325.3283 | -539.2864 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | 2.2576 | [21] |
| [C14mim]Br | 420.4700 | 42.2100 | 462.6800 | 404.4700 | 58.6300 | 463.1000 | -215.3774 | -325.3283 | -540.7057 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | 0.9243 | [21] |
| [C16mim]Br | 463.9400 | 42.2100 | 506.1500 | 445.0100 | 58.6300 | 503.6400 | -216.6636 | -325.3283 | -541.9919 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | -0.4463 | [21] |
| 1-(C2OH)-3-(C7-2-OH)ImBr | 309.4500 | 42.2100 | 351.6600 | 294.0300 | 58.6300 | 352.6600 | -236.0774 | -325.3283 | -561.4057 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | 0.2927 | [22] |
| 1-(C2OH)-3-(C7-2-OH)ImCl | 309.4500 | 36.0900 | 345.5400 | 294.0300 | 52.8100 | 346.8400 | -236.0774 | -325.3283 | -561.4057 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | 1.1019 | [22] |
| 1-(C2OH)-3-(C9-2-OH)ImBr | 353.4200 | 42.2100 | 395.6300 | 334.3700 | 58.6300 | 393.0000 | -237.9926 | -325.3283 | -563.3209 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | -0.3567 | [22] |
| 1-(C2OH)-3-(C9-2-OH)ImCl | 353.4200 | 36.0900 | 389.5100 | 334.3700 | 52.8100 | 387.1800 | -237.9926 | -325.3283 | -563.3209 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | 0.8286 | [22] |
| 1-(C2OH)-3-(C11-2-OH)ImBr | 397.7100 | 42.2100 | 439.9200 | 375.2200 | 58.6300 | 433.8500 | -240.0844 | -325.3283 | -565.4127 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | -0.8210 | [22] |
| 1-(C2OH)-3-(C11-2-OH)ImCl | 397.7100 | 36.0900 | 433.8000 | 375.2200 | 52.8100 | 428.0300 | -240.0844 | -325.3283 | -565.4127 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | 0.0198 | [22] |
| 1-(C2OH)-3-(C7-2-OH)ImBr | 309.4500 | 42.2100 | 351.6600 | 294.0300 | 58.6300 | 352.6600 | -236.0774 | -325.3283 | -561.4057 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | 1.1569 | [22] |
| 1-(C2OH)-3-(C7-2-OH)ImCl | 309.4500 | 36.0900 | 345.5400 | 294.0300 | 52.8100 | 346.8400 | -236.0774 | -325.3283 | -561.4057 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | 1.5831 | [22] |
| 1-(C2OH)-3-(C9-2-OH)ImBr | 353.4200 | 42.2100 | 395.6300 | 334.3700 | 58.6300 | 393.0000 | -237.9926 | -325.3283 | -563.3209 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | 0.5596 | [22] |
| 1-(C2OH)-3-(C9-2-OH)ImCl | 353.4200 | 36.0900 | 389.5100 | 334.3700 | 52.8100 | 387.1800 | -237.9926 | -325.3283 | -563.3209 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | 1.1817 | [22] |
| 1-(C2OH)-3-(C11-2-OH)ImBr | 397.7100 | 42.2100 | 439.9200 | 375.2200 | 58.6300 | 433.8500 | -240.0844 | -325.3283 | -565.4127 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | -0.2357 | [22] |
| 1-(C2OH)-3-(C11-2-OH)ImCl | 397.7100 | 36.0900 | 433.8000 | 375.2200 | 52.8100 | 428.0300 | -240.0844 | -325.3283 | -565.4127 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | 0.0296 | [22] |
| 1-(C2OH)-3-(C7-2-OH)ImBr | 309.4500 | 42.2100 | 351.6600 | 294.0300 | 58.6300 | 352.6600 | -236.0774 | -325.3283 | -561.4057 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | 0.8286 | [22] |
| 1-(C2OH)-3-(C7-2-OH)ImCl | 309.4500 | 36.0900 | 345.5400 | 294.0300 | 52.8100 | 346.8400 | -236.0774 | -325.3283 | -561.4057 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | 1.4493 | [22] |
| 1-(C2OH)-3-(C9-2-OH)ImBr | 353.4200 | 42.2100 | 395.6300 | 334.3700 | 58.6300 | 393.0000 | -237.9926 | -325.3283 | -563.3209 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | 0.3920 | [22] |
| 1-(C2OH)-3-(C9-2-OH)ImCl | 353.4200 | 36.0900 | 389.5100 | 334.3700 | 52.8100 | 387.1800 | -237.9926 | -325.3283 | -563.3209 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | 1.1725 | [22] |
| 1-(C2OH)-3-(C11-2-OH)ImBr | 397.7100 | 42.2100 | 439.9200 | 375.2200 | 58.6300 | 433.8500 | -240.0844 | -325.3283 | -565.4127 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | -0.4005 | [22] |
| 1-(C2OH)-3-(C11-2-OH)ImCl | 397.7100 | 36.0900 | 433.8000 | 375.2200 | 52.8100 | 428.0300 | -240.0844 | -342.0077 | -582.0921 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | 0.0392 | [22] |
| N[1,2-OH, 2-OH,14]MCPA | 469.0500 | 217.0400 | 686.0900 | 431.2000 | 209.5800 | 640.7800 | -255.2105 | -331.5805 | -586.7910 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | -0.7985 | [23] |
| N[1,2-OH, 2-OH,16]MCPA | 513.1200 | 217.0400 | 730.1600 | 471.5800 | 209.5800 | 681.1600 | -256.3200 | -331.5805 | -587.9006 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | -1.8326 | [23] |
| N[1,2-OH, 2-OH,18]MCPA | 556.8800 | 217.0400 | 773.9200 | 511.8900 | 209.5800 | 721.4700 | -257.7374 | -331.5805 | -589.3179 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | -2.8134 | [23] |
| N[1,2-OH, 2-OH,14]2,4-D | 469.0500 | 219.8000 | 688.8500 | 431.2000 | 214.0900 | 645.2900 | -255.2105 | -325.5512 | -580.7616 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | -0.6931 | [23] |
| N[1,2-OH, 2-OH,16]2,4-D | 513.1200 | 219.8000 | 732.9200 | 471.5800 | 214.0900 | 685.6700 | -256.3200 | -325.5512 | -581.8712 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | -2.0402 | [23] |
| N[1,2-OH, 2-OH,18]2,4-D | 556.8800 | 219.8000 | 776.6800 | 511.8900 | 214.0900 | 725.9800 | -257.7374 | -325.5512 | -583.2886 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | -2.8134 | [23] |
| ODA-TS | 427.4400 | 183.4100 | 610.8500 | 416.4300 | 183.4100 | 599.8400 | -316.0705 | -393.1102 | -709.1807 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | -1.6094 | [24] |
| OA-TS | 420.3800 | 183.4100 | 603.7900 | 407.2500 | 183.4100 | 590.6600 | -317.5390 | -393.1102 | -710.6492 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | -0.9163 | [24] |
| [CC][2,4-D] | 166.7600 | 219.8000 | 386.5600 | 163.5300 | 214.0900 | 377.6200 | -251.2343 | -325.5512 | -576.7854 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | 5.0626 | [25] |
| [TMVA][2,4-D] | 138.8500 | 219.8000 | 358.6500 | 141.2800 | 214.0900 | 355.3700 | -221.9549 | -325.5512 | -547.5060 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | 4.3694 | [25] |
| [$C_4$mim][$C_{12}SO_4$] | 200.6800 | 344.5200 | 545.2000 | 202.8200 | 338.6500 | 541.4700 | -207.7512 | -332.1363 | -539.8875 | NaCl | 180.0000 | 114.9300 | 78.8400 | 36.0900 | 0.0000 | 0.0000 | 298.1500 | 0.0000 | [25] |
| [$C_4$mim][$C_{12}SO_4$] | 200.6800 | 344.5200 | 545.2000 | 202.8200 | 338.6500 | 541.4700 | -207.7512 | -332.1363 | -539.8875 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | 0.5878 | [26] |
| [C4MP][C12SO4] | 233.8100 | 344.5200 | 578.3300 | 217.0100 | 338.6500 | 555.6600 | -204.7496 | -332.1363 | -536.8859 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | 0.9933 | [26] |
| [C4mim][C12SO4] | 200.6800 | 344.5200 | 545.2000 | 202.8200 | 338.6500 | 541.4700 | -207.7512 | -332.1363 | -539.8875 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 293.1500 | 0.7419 | [26] |
| [C4mim][C12SO4] | 200.6800 | 344.5200 | 545.2000 | 202.8200 | 338.6500 | 541.4700 | -207.7512 | -332.1363 | -539.8875 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | 0.7419 | [26] |
| [C4mim][C12SO4] | 200.6800 | 344.5200 | 545.2000 | 202.8200 | 338.6500 | 541.4700 | -207.7512 | -332.1363 | -539.8875 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 303.1500 | 0.7885 | [26] |
| [C4mim][C12SO4] | 200.6800 | 344.5200 | 545.2000 | 202.8200 | 338.6500 | 541.4700 | -207.7512 | -332.1363 | -539.8875 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 308.1500 | 0.7885 | [26] |
| [C4mim][C12SO4] | 200.6800 | 344.5200 | 545.2000 | 202.8200 | 338.6500 | 541.4700 | -207.7512 | -332.1363 | -539.8875 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 313.1500 | 0.8329 | [26] |
| [C4MP][C12SO4] | 233.8100 | 344.5200 | 578.3300 | 217.0100 | 338.6500 | 555.6600 | -204.7496 | -332.1363 | -536.8859 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 293.1500 | 1.3083 | [26] |
| [C4MP][C12SO4] | 233.8100 | 344.5200 | 578.3300 | 217.0100 | 338.6500 | 555.6600 | -204.7496 | -332.1363 | -536.8859 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.1500 | 1.3350 | [26] |
| [C4MP][C12SO4] | 233.8100 | 344.5200 | 578.3300 | 217.0100 | 338.6500 | 555.6600 | -204.7496 | -332.1363 | -536.8859 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 303.1500 | 1.3610 | [26] |
| [C4MP][C12SO4] | 233.8100 | 344.5200 | 578.3300 | 217.0100 | 338.6500 | 555.6600 | -204.7496 | -332.1363 | -536.8859 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 308.1500 | 1.3863 | [26] |
| [C4MP][C12SO4] | 233.8100 | 344.5200 | 578.3300 | 217.0100 | 338.6500 | 555.6600 | -204.7496 | -332.1363 | -536.8859 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 313.1500 | 1.4110 | [26] |
| [C4iQuin]Br | 252.7000 | 42.2100 | 294.9100 | 242.2600 | 58.6300 | 300.8900 | -198.4761 | -325.3283 | -523.8044 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.0000 | 4.4625 | [27] |
| [C8iQuin]Br | 341.3900 | 42.2100 | 383.6000 | 323.2100 | 58.6300 | 381.8400 | -202.0055 | -325.3283 | -527.3338 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.0000 | 3.8351 | [27] |
| [C12iQuin]Br | 428.9800 | 42.2100 | 471.1900 | 403.6700 | 58.6300 | 462.3000 | -205.3816 | -325.3283 | -530.7098 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.0000 | 1.3863 | [27] |
| [C4iQuin]Br | 252.7000 | 42.2100 | 294.9100 | 242.2600 | 58.6300 | 300.8900 | -198.4761 | -325.3283 | -523.8044 | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 298.0000 | 4.4473 | [27] |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [C8iQuin]Br | 341.3900 | 42.2100 | 383.6000 | 323.2100 | 58.6300 | 381.8400 | -202.0055 | -325.3283 | -527.3338 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 3.8395 | [27] |
| [C12iQuin]Br | 428.9800 | 42.2100 | 471.1900 | 403.6700 | 58.6300 | 462.3000 | -205.3816 | -325.3283 | -530.7098 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 1.5892 | [27] |
| [C4iQuin]Br | 252.7000 | 42.2100 | 294.9100 | 242.2600 | 58.6300 | 300.8900 | -198.4761 | -325.3283 | -523.8044 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 4.3858 | [27] |
| [C8iQuin]Br | 341.3900 | 42.2100 | 383.6000 | 323.2100 | 58.6300 | 381.8400 | -202.0055 | -325.3283 | -527.3338 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 3.8177 | [27] |
| [C12iQuin]Br | 428.9800 | 42.2100 | 471.1900 | 403.6700 | 58.6300 | 462.3000 | -205.3816 | -325.3283 | -530.7098 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 1.2809 | [27] |
| [C12iQuin]Br | 428.9800 | 42.2100 | 471.1900 | 403.6700 | 58.6300 | 462.3000 | -205.3816 | -325.3283 | -530.7098 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 288.0000 | 1.6292 | [27] |
| [C12iQuin]Br | 428.9800 | 42.2100 | 471.1900 | 403.6700 | 58.6300 | 462.3000 | -205.3816 | -325.3283 | -530.7098 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 308.0000 | 1.6292 | [27] |
| [C12iQuin]Br | 428.9800 | 42.2100 | 471.1900 | 403.6700 | 58.6300 | 462.3000 | -205.3816 | -325.3283 | -530.7098 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 318.0000 | 1.6487 | [27] |
| C8mimBr | 288.0100 | 42.2100 | 330.2200 | 283.4300 | 58.6300 | 342.0600 | -210.9526 | -325.3283 | -536.2809 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 5.3471 | [28] |
| C10mimBr | 332.5300 | 42.2100 | 374.7400 | 323.9700 | 58.6300 | 382.6000 | -212.3430 | -325.3283 | -537.6713 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 3.6814 | [28] |
| C12mimBr | 376.6200 | 42.2100 | 418.8300 | 364.2500 | 58.6300 | 422.8800 | -213.9581 | -325.3283 | -539.2864 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.2083 | [28] |
| C14mimBr | 420.4700 | 42.2100 | 462.6800 | 404.4700 | 58.6300 | 463.1000 | -215.3774 | -325.3283 | -540.7057 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.0225 | [28] |
| C16mimBr | 463.9400 | 42.2100 | 506.1500 | 445.0100 | 58.6300 | 503.6400 | -216.6636 | -325.3283 | -541.9919 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.4943 | [28] |
| C12MPyBr | 394.3900 | 42.2100 | 436.6000 | 368.5100 | 58.6300 | 427.1400 | -214.5496 | -325.3283 | -539.8779 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.7100 | [28] |
| C14MPyBr | 438.3700 | 42.2100 | 480.5800 | 408.8600 | 58.6300 | 467.4900 | -215.9525 | -325.3283 | -541.2808 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.3429 | [28] |
| C16MPyBr | 288.0100 | 42.2100 | 330.2200 | 283.4300 | 58.6300 | 342.0600 | -210.9526 | -325.3283 | -536.2809 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.0513 | [28] |
| C8mimBr | 288.0100 | 42.2100 | 330.2200 | 283.4300 | 58.6300 | 342.0600 | -210.9526 | -325.3283 | -536.2809 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 4.8675 | [28] |
| C10mimBr | 332.5300 | 42.2100 | 374.7400 | 323.9700 | 58.6300 | 382.6000 | -212.3430 | -325.3283 | -537.6713 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 3.5264 | [28] |
| C12mimBr | 376.6200 | 42.2100 | 418.8300 | 364.2500 | 58.6300 | 422.8800 | -213.9581 | -325.3283 | -539.2864 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.2803 | [28] |
| C14mimBr | 420.4700 | 42.2100 | 462.6800 | 404.4700 | 58.6300 | 463.1000 | -215.3774 | -325.3283 | -540.7057 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.9858 | [28] |
| C16mimBr | 463.9400 | 42.2100 | 506.1500 | 445.0100 | 58.6300 | 503.6400 | -216.6636 | -325.3283 | -541.9919 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.5276 | [28] |
| C12mimBr | 376.6200 | 42.2100 | 418.8300 | 364.2500 | 58.6300 | 422.8800 | -213.9581 | -325.3283 | -539.2864 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.4168 | [29] |
| [C12C1im]Br | 376.6200 | 42.2100 | 418.8300 | 364.2500 | 58.6300 | 422.8800 | -213.9581 | -325.3283 | -539.2864 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.1066 | [30] |
| [C12C2im]Br | 399.4900 | 42.2100 | 441.7000 | 383.0000 | 58.6300 | 441.6300 | -207.8352 | -325.3283 | -533.1635 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.8563 | [30] |
| [C12C3im]Br | 421.9800 | 42.2100 | 464.1900 | 402.5000 | 58.6300 | 461.1300 | -206.5201 | -325.3283 | -531.8484 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.6194 | [30] |
| [C12C4im]Br | 442.8100 | 42.2100 | 485.0200 | 422.2900 | 58.6300 | 480.9200 | -207.3479 | -325.3283 | -532.6762 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.3029 | [30] |
| [C10pim]Br | 471.0900 | 42.2100 | 513.3000 | 427.7400 | 58.6300 | 486.3700 | -194.0851 | -325.3283 | -519.4133 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.2300 | [31] |
| [C12pim]Br | 514.5400 | 42.2100 | 556.7500 | 468.1800 | 58.6300 | 526.8100 | -195.4928 | -325.3283 | -520.8211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.8502 | [31] |
| [C14pim]Br | 558.5000 | 42.2100 | 600.7100 | 508.4900 | 58.6300 | 567.1200 | -197.0240 | -325.3283 | -522.3523 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.4943 | [31] |
| [C10pim]Br | 471.0900 | 42.2100 | 513.3000 | 427.7400 | 58.6300 | 486.3700 | -194.0851 | -325.3283 | -519.4133 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.2311 | [31] |
| [C12pim]Br | 514.5400 | 42.2100 | 556.7500 | 468.1800 | 58.6300 | 526.8100 | -195.4928 | -325.3283 | -520.8211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.9555 | [31] |
| [C14pim]Br | 558.5000 | 42.2100 | 600.7100 | 508.4900 | 58.6300 | 567.1200 | -197.0240 | -325.3283 | -522.3523 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.5798 | [31] |
| [C10pim]Br | 471.0900 | 42.2100 | 513.3000 | 427.7400 | 58.6300 | 486.3700 | -194.0851 | -325.3283 | -519.4133 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.2192 | [31] |
| [C12pim]Br | 514.5400 | 42.2100 | 556.7500 | 468.1800 | 58.6300 | 526.8100 | -195.4928 | -325.3283 | -520.8211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.6831 | [31] |
| [C10pim]Br | 471.0900 | 42.2100 | 513.3000 | 427.7400 | 58.6300 | 486.3700 | -194.0851 | -325.3283 | -519.4133 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.2824 | [31] |
| [C10pim]Br | 471.0900 | 42.2100 | 513.3000 | 427.7400 | 58.6300 | 486.3700 | -194.0851 | -325.3283 | -519.4133 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 303.1500 | 2.3418 | [31] |
| [C10pim]Br | 471.0900 | 42.2100 | 513.3000 | 427.7400 | 58.6300 | 486.3700 | -194.0851 | -325.3283 | -519.4133 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 308.1500 | 2.4159 | [31] |
| [C10pim]Br | 471.0900 | 42.2100 | 513.3000 | 427.7400 | 58.6300 | 486.3700 | -194.0851 | -325.3283 | -519.4133 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 313.1500 | 2.4932 | [31] |
| [C10pim]Br | 471.0900 | 42.2100 | 513.3000 | 427.7400 | 58.6300 | 486.3700 | -194.0851 | -325.3283 | -519.4133 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 318.1500 | 2.5878 | [31] |
| [C12pim]Br | 514.5400 | 42.2100 | 556.7500 | 468.1800 | 58.6300 | 526.8100 | -195.4928 | -325.3283 | -520.8211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.9594 | [31] |
| [C12pim]Br | 514.5400 | 42.2100 | 556.7500 | 468.1800 | 58.6300 | 526.8100 | -195.4928 | -325.3283 | -520.8211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 303.1500 | 0.9821 | [31] |
| [C12pim]Br | 514.5400 | 42.2100 | 556.7500 | 468.1800 | 58.6300 | 526.8100 | -195.4928 | -325.3283 | -520.8211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 308.1500 | 1.0188 | [31] |
| [C12pim]Br | 514.5400 | 42.2100 | 556.7500 | 468.1800 | 58.6300 | 526.8100 | -195.4928 | -325.3283 | -520.8211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 313.1500 | 1.0438 | [31] |
| [C12pim]Br | 514.5400 | 42.2100 | 556.7500 | 468.1800 | 58.6300 | 526.8100 | -195.4928 | -325.3283 | -520.8211 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 318.1500 | 1.0986 | [31] |
| [C14pim]Br | 558.5000 | 42.2100 | 600.7100 | 508.4900 | 58.6300 | 567.1200 | -197.0240 | -325.3283 | -522.3523 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.5978 | [31] |
| [C14pim]Br | 558.5000 | 42.2100 | 600.7100 | 508.4900 | 58.6300 | 567.1200 | -197.0240 | -325.3283 | -522.3523 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 303.1500 | -0.5551 | [31] |
| [C14pim]Br | 558.5000 | 42.2100 | 600.7100 | 508.4900 | 58.6300 | 567.1200 | -197.0240 | -325.3283 | -522.3523 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 308.1500 | -0.5158 | [31] |
| [C14pim]Br | 558.5000 | 42.2100 | 600.7100 | 508.4900 | 58.6300 | 567.1200 | -197.0240 | -325.3283 | -522.3523 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 313.1500 | -0.4716 | [31] |
| [C14pim]Br | 558.5000 | 42.2100 | 600.7100 | 508.4900 | 58.6300 | 567.1200 | -197.0240 | -325.3283 | -522.3523 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 318.1500 | -0.4292 | [31] |
| $[C_{12}mim][Cl]$ | 376.6200 | 36.0900 | 412.7100 | 364.2500 | 52.8100 | 417.0600 | -213.9581 | -342.0077 | -555.9658 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 303.1500 | 2.7350 | [32] |
| $Py(CH_2)_{12}mim^+Br^-$ | 454.4500 | 42.2100 | 496.6600 | 431.1100 | 58.6300 | 489.7400 | -238.2252 | -325.3283 | -563.5534 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.1448 | [33] |
| [C16mim][HBS] | 463.9400 | 173.4200 | 637.3600 | 445.0100 | 174.6600 | 619.6700 | -216.6636 | -404.0603 | -620.7239 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -1.0217 | [34] |
| [C16mim][BS] | 463.9400 | 161.8100 | 625.7500 | 445.0100 | 164.2900 | 609.3000 | -216.6636 | -381.0350 | -597.6986 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -1.1394 | [34] |
| [C16mim][PTS] | 463.9400 | 183.4100 | 647.3500 | 445.0100 | 183.4100 | 628.4200 | -216.6636 | -393.1102 | -609.7738 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -1.5606 | [34] |
| [C16mim][HBS] | 463.9400 | 173.4200 | 637.3600 | 445.0100 | 174.6600 | 619.6700 | -216.6636 | -404.0603 | -620.7239 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.8916 | [34] |
| [C16mim][BS] | 463.9400 | 161.8100 | 625.7500 | 445.0100 | 164.2900 | 609.3000 | -216.6636 | -381.0350 | -597.6986 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -1.1087 | [34] |
| [C16mim][PTS] | 463.9400 | 183.4100 | 647.3500 | 445.0100 | 183.4100 | 628.4200 | -216.6636 | -393.1102 | -609.7738 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -1.2379 | [34] |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [C16mim][HBS] | 463.9400 | 173.4200 | 637.3600 | 445.0100 | 174.6600 | 619.6700 | -216.6636 | -404.0603 | -620.7239 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -1.1712 | [34] |
| [C16mim][BS] | 463.9400 | 161.8100 | 625.7500 | 445.0100 | 164.2900 | 609.3000 | -216.6636 | -381.0350 | -597.6986 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -1.2379 | [34] |
| [C16mim][PTS] | 463.9400 | 183.4100 | 647.3500 | 445.0100 | 183.4100 | 628.4200 | -216.6636 | -393.1102 | -609.7738 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -1.3863 | [34] |
| [C16mim][HBS] | 463.9400 | 173.4200 | 637.3600 | 445.0100 | 174.6600 | 619.6700 | -216.6636 | -404.0603 | -620.7239 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -1.0788 | [34] |
| [C16mim][BS] | 463.9400 | 161.8100 | 625.7500 | 445.0100 | 164.2900 | 609.3000 | -216.6636 | -381.0350 | -597.6986 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -1.1394 | [34] |
| [C16mim][PTS] | 463.9400 | 183.4100 | 647.3500 | 445.0100 | 183.4100 | 628.4200 | -216.6636 | -393.1102 | -609.7738 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -1.5606 | [34] |
| [C2OHC12im]Cl | 406.8500 | 36.0900 | 442.9400 | 390.3000 | 52.8100 | 443.1100 | -224.1740 | -342.0077 | -566.1817 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.8372 | [35] |
| [C2OHC12im]Cl | 406.8500 | 36.0900 | 442.9400 | 390.3000 | 52.8100 | 443.1100 | -224.1740 | -342.0077 | -566.1817 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.9895 | [35] |
| [C2OHC12im]Cl | 406.8500 | 36.0900 | 442.9400 | 390.3000 | 52.8100 | 443.1100 | -224.1740 | -342.0077 | -566.1817 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.8286 | [35] |
| [C2OHC12im]Cl | 406.8500 | 36.0900 | 442.9400 | 390.3000 | 52.8100 | 443.1100 | -224.1740 | -342.0077 | -566.1817 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 308.1500 | 1.0367 | [35] |
| [C2OHC12im]Cl | 406.8500 | 36.0900 | 442.9400 | 390.3000 | 52.8100 | 443.1100 | -224.1740 | -342.0077 | -566.1817 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 308.1500 | 1.0508 | [35] |
| [C2OHC12im]Cl | 406.8500 | 36.0900 | 442.9400 | 390.3000 | 52.8100 | 443.1100 | -224.1740 | -342.0077 | -566.1817 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 308.1500 | 0.9821 | [35] |
| [N1,1,10,10]MCPA | 513.2000 | 217.0400 | 730.2400 | 480.8100 | 209.5800 | 690.3900 | -221.7966 | -331.5805 | -553.3771 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -1.3823 | [36] |
| [N1,2-Cl,1,1]MCPA | 166.9800 | 217.0400 | 384.0200 | 163.8500 | 209.5800 | 373.4300 | -251.5450 | -331.5805 | -583.1255 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.8889 | [36] |
| [N-$C_{10}$, N′-$CO_2$H-Im ]Br | 372.4800 | 42.2100 | 414.6900 | 354.9300 | 58.6300 | 413.5600 | -253.0193 | -325.3283 | -578.3475 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.8449 | [37] |
| [N-$C_{12}$, N′-$CO_2$H-Im ]Br | 416.6800 | 42.2100 | 458.8900 | 395.7200 | 58.6300 | 454.3500 | -254.1221 | -325.3283 | -579.4504 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.5247 | [37] |
| [N-$C_{14}$, N′-$CO_2$H-Im ]Br | 461.5700 | 42.2100 | 503.7800 | 435.9800 | 58.6300 | 494.6100 | -255.9563 | -325.3283 | -581.2846 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -1.4397 | [37] |
| [N-$C_{10}$, N′-$CO_2$H-Im ]Br | 372.4800 | 42.2100 | 414.6900 | 354.9300 | 58.6300 | 413.5600 | -253.0193 | -325.3283 | -578.3475 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.7726 | [37] |
| [N-$C_{12}$, N′-$CO_2$H-Im ]Br | 416.6800 | 42.2100 | 458.8900 | 395.7200 | 58.6300 | 454.3500 | -254.1221 | -325.3283 | -579.4504 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.5188 | [37] |
| [N-$C_{14}$, N′-$CO_2$H-Im ]Br | 461.5700 | 42.2100 | 503.7800 | 435.9800 | 58.6300 | 494.6100 | -255.9563 | -325.3283 | -581.2846 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.5247 | [37] |
| Si4pyCl | 609.2600 | 36.0900 | 645.3500 | 456.7000 | 52.8100 | 509.5100 | -208.0166 | -342.0077 | -550.0243 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.7405 | [38] |
| Si4pyCl | 609.2600 | 36.0900 | 645.3500 | 456.7000 | 52.8100 | 509.5100 | -208.0166 | -342.0077 | -550.0243 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.7047 | [38] |
| Si4pyCl | 609.2600 | 36.0900 | 645.3500 | 456.7000 | 52.8100 | 509.5100 | -208.0166 | -342.0077 | -550.0243 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 1.7579 | [38] |
| Si4mimCl | 575.9300 | 36.0900 | 612.0200 | 413.1800 | 52.8100 | 465.9900 | -180.6099 | -342.0077 | -522.6176 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 2.0015 | [38] |
| Si4mimCl | 575.9300 | 36.0900 | 612.0200 | 413.1800 | 52.8100 | 465.9900 | -180.6099 | -342.0077 | -522.6176 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 2.0149 | [38] |
| Si4mimCl | 575.9300 | 36.0900 | 612.0200 | 413.1800 | 52.8100 | 465.9900 | -180.6099 | -342.0077 | -522.6176 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 2.0412 | [38] |
| Si4man-OHCl | 609.8300 | 36.0900 | 645.9200 | 421.9100 | 52.8100 | 474.7200 | -211.7313 | -342.0077 | -553.7390 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 2.4336 | [38] |
| Si4man-OHCl | 609.8300 | 36.0900 | 645.9200 | 421.9100 | 52.8100 | 474.7200 | -211.7313 | -342.0077 | -553.7390 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 2.4510 | [38] |
| Si4man-OHCl | 609.8300 | 36.0900 | 645.9200 | 421.9100 | 52.8100 | 474.7200 | -211.7313 | -342.0077 | -553.7390 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.0000 | 2.3795 | [38] |
| Si4pyAc | 609.2600 | 70.9900 | 680.2500 | 456.7000 | 89.1800 | 545.8800 | -208.0166 | -365.8878 | -573.9044 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.2721 | [39] |
| Si4pyNO3 | 609.2600 | 56.2600 | 665.5200 | 456.7000 | 75.9500 | 532.6500 | -208.0166 | -296.3036 | -504.3201 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.3863 | [39] |
| Si4pyAc | 609.2600 | 70.9900 | 680.2500 | 456.7000 | 89.1800 | 545.8800 | -208.0166 | -365.8878 | -573.9044 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.2300 | [39] |
| Si4pyAc | 609.2600 | 70.9900 | 680.2500 | 456.7000 | 89.1800 | 545.8800 | -208.0166 | -365.8878 | -573.9044 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 288.1500 | 2.1041 | [39] |
| Si4pyAc | 609.2600 | 70.9900 | 680.2500 | 456.7000 | 89.1800 | 545.8800 | -208.0166 | -365.8878 | -573.9044 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 293.1500 | 2.1401 | [39] |
| Si4pyAc | 609.2600 | 70.9900 | 680.2500 | 456.7000 | 89.1800 | 545.8800 | -208.0166 | -365.8878 | -573.9044 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 303.1500 | 2.3514 | [39] |
| Si4pyAc | 609.2600 | 70.9900 | 680.2500 | 456.7000 | 89.1800 | 545.8800 | -208.0166 | -365.8878 | -573.9044 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 308.1500 | 2.3702 | [39] |
| Si4pyNO3 | 609.2600 | 56.2600 | 665.5200 | 456.7000 | 75.9500 | 532.6500 | -208.0166 | -296.3036 | -504.3201 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 288.1500 | 1.2809 | [39] |
| Si4pyNO3 | 609.2600 | 56.2600 | 665.5200 | 456.7000 | 75.9500 | 532.6500 | -208.0166 | -296.3036 | -504.3201 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 293.1500 | 1.3350 | [39] |
| Si4pyNO3 | 609.2600 | 56.2600 | 665.5200 | 456.7000 | 75.9500 | 532.6500 | -208.0166 | -296.3036 | -504.3201 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.3863 | [39] |
| Si4pyNO3 | 609.2600 | 56.2600 | 665.5200 | 456.7000 | 75.9500 | 532.6500 | -208.0166 | -296.3036 | -504.3201 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 303.1500 | 1.4351 | [39] |
| Si4pyNO3 | 609.2600 | 56.2600 | 665.5200 | 456.7000 | 75.9500 | 532.6500 | -208.0166 | -296.3036 | -504.3201 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 308.1500 | 1.5041 | [39] |
| [$C_6$mim][$C_{12}SO_4$] | 244.5600 | 344.5200 | 589.0800 | 202.8200 | 338.6500 | 541.4700 | -207.7512 | -332.1363 | -539.8875 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.2231 | [40] |
| [$C_8$mim][$C_{12}SO_4$] | 288.0100 | 344.5200 | 632.5300 | 283.4300 | 338.6500 | 622.0800 | -210.9526 | -332.1363 | -543.0889 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -1.2040 | [40] |
| [$C_{10}$mim][$C_{12}SO_4$] | 332.5300 | 344.5200 | 677.0500 | 323.9700 | 338.6500 | 662.6200 | -212.3430 | -332.1363 | -544.4793 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -2.3026 | [40] |
| [$C_4$mim][$C_{10}SO_4$] | 200.6800 | 299.8600 | 500.5400 | 202.8200 | 297.7300 | 500.5500 | -207.7512 | -331.7494 | -539.5006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.1748 | [40] |
| [$C_4$mim][$C_{14}SO_4$] | 200.6800 | 388.3300 | 589.0100 | 202.8200 | 378.7900 | 581.6100 | -207.7512 | -334.1982 | -541.9494 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.6931 | [40] |
| [$C_6$mim][$C_{12}SO_4$] | 244.5600 | 344.5200 | 589.0800 | 243.0900 | 338.6500 | 581.7400 | -209.8035 | -332.1363 | -541.9398 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.2624 | [40] |
| [$C_8$mim][$C_{12}SO_4$] | 288.0100 | 344.5200 | 632.5300 | 283.4300 | 338.6500 | 622.0800 | -210.9526 | -332.1363 | -543.0889 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.9163 | [40] |
| [$C_4$mim][$C_{10}SO_4$] | 200.6800 | 299.8600 | 500.5400 | 202.8200 | 297.7300 | 500.5500 | -207.7512 | -331.7494 | -539.5006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.3979 | [40] |
| [$C_4$mim][$C_{14}SO_4$] | 200.6800 | 388.3300 | 589.0100 | 202.8200 | 378.7900 | 581.6100 | -207.7512 | -334.1982 | -541.9494 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.5108 | [40] |
| [$C_6$mim][$C_{12}SO_4$] | 244.5600 | 344.5200 | 589.0800 | 243.0900 | 338.6500 | 581.7400 | -209.8035 | -332.1363 | -541.9398 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.1054 | [40] |
| [$C_8$mim][$C_{12}SO_4$] | 288.0100 | 344.5200 | 632.5300 | 283.4300 | 338.6500 | 622.0800 | -210.9526 | -332.1363 | -543.0889 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -1.2040 | [40] |
| [$C_{10}$mim][$C_{12}SO_4$] | 332.5300 | 344.5200 | 677.0500 | 323.9700 | 338.6500 | 662.6200 | -212.3430 | -332.1363 | -544.4793 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -2.4079 | [40] |
| [$C_4$mim][$C_{10}SO_4$] | 200.6800 | 299.8600 | 500.5400 | 202.8200 | 297.7300 | 500.5500 | -207.7512 | -331.7494 | -539.5006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 2.1282 | [40] |
| [$C_4$mim][$C_{14}SO_4$] | 200.6800 | 388.3300 | 589.0100 | 202.8200 | 378.7900 | 581.6100 | -207.7512 | -334.1982 | -541.9494 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.6931 | [40] |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [$C_6$mim][$C_{12}SO_4$] | 244.5600 | 344.5200 | 589.0800 | 243.0900 | 338.6500 | 581.7400 | -209.8035 | -332.1363 | -541.9398 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 288.1500 | -0.1054 | [40] |
| [$C_6$mim][$C_{12}SO_4$] | 244.5600 | 344.5200 | 589.0800 | 243.0900 | 338.6500 | 581.7400 | -209.8035 | -332.1363 | -541.9398 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 293.1500 | -0.1054 | [40] |
| [$C_6$mim][$C_{12}SO_4$] | 244.5600 | 344.5200 | 589.0800 | 243.0900 | 338.6500 | 581.7400 | -209.8035 | -332.1363 | -541.9398 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 303.1500 | 0.0000 | [40] |
| [$C_6$mim][$C_{12}SO_4$] | 244.5600 | 344.5200 | 589.0800 | 243.0900 | 338.6500 | 581.7400 | -209.8035 | -332.1363 | -541.9398 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 308.1500 | 0.0000 | [40] |
| [$C_8$mim][$C_{12}SO_4$] | 288.0100 | 344.5200 | 632.5300 | 283.4300 | 338.6500 | 622.0800 | -210.9526 | -332.1363 | -543.0889 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 288.1500 | -1.2040 | [40] |
| [$C_8$mim][$C_{12}SO_4$] | 288.0100 | 344.5200 | 632.5300 | 283.4300 | 338.6500 | 622.0800 | -210.9526 | -332.1363 | -543.0889 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 293.1500 | -1.2040 | [40] |
| [$C_8$mim][$C_{12}SO_4$] | 288.0100 | 344.5200 | 632.5300 | 283.4300 | 338.6500 | 622.0800 | -210.9526 | -332.1363 | -543.0889 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 303.1500 | -1.2040 | [40] |
| [$C_8$mim][$C_{12}SO_4$] | 288.0100 | 344.5200 | 632.5300 | 283.4300 | 338.6500 | 622.0800 | -210.9526 | -332.1363 | -543.0889 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 308.1500 | -1.2040 | [40] |
| [$C_4$mim][$C_{10}SO_4$] | 200.6800 | 299.8600 | 500.5400 | 202.8200 | 297.7300 | 500.5500 | -207.7512 | -331.7494 | -539.5006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 288.1500 | 2.0919 | [40] |
| [$C_4$mim][$C_{10}SO_4$] | 200.6800 | 299.8600 | 500.5400 | 202.8200 | 297.7300 | 500.5500 | -207.7512 | -331.7494 | -539.5006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 293.1500 | 2.1041 | [40] |
| [$C_4$mim][$C_{10}SO_4$] | 200.6800 | 299.8600 | 500.5400 | 202.8200 | 297.7300 | 500.5500 | -207.7512 | -331.7494 | -539.5006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 303.1500 | 2.1401 | [40] |
| [$C_4$mim][$C_{10}SO_4$] | 200.6800 | 299.8600 | 500.5400 | 202.8200 | 297.7300 | 500.5500 | -207.7512 | -331.7494 | -539.5006 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 308.1500 | 2.1861 | [40] |
| [$C_4$mim][$C_{14}SO_4$] | 200.6800 | 388.3300 | 589.0100 | 202.8200 | 378.7900 | 581.6100 | -207.7512 | -334.1982 | -541.9494 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 288.1500 | -0.6931 | [40] |
| [$C_4$mim][$C_{14}SO_4$] | 200.6800 | 388.3300 | 589.0100 | 202.8200 | 378.7900 | 581.6100 | -207.7512 | -334.1982 | -541.9494 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 293.1500 | -0.6931 | [40] |
| [$C_4$mim][$C_{14}SO_4$] | 200.6800 | 388.3300 | 589.0100 | 202.8200 | 378.7900 | 581.6100 | -207.7512 | -334.1982 | -541.9494 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 303.1500 | -0.5108 | [40] |
| [$C_4$mim][$C_{14}SO_4$] | 200.6800 | 388.3300 | 589.0100 | 202.8200 | 378.7900 | 581.6100 | -207.7512 | -334.1982 | -541.9494 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 308.1500 | -0.5108 | [40] |
| [DDA]Bt | 513.2000 | 136.1300 | 649.3300 | 480.8100 | 142.6100 | 623.4200 | -221.7966 | -316.8559 | -538.6525 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.6911 | [41] |
| [DDA]Tr | 513.2000 | 79.9800 | 593.1800 | 480.8100 | 94.9600 | 575.7700 | -221.7966 | -312.7360 | -534.5326 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.9211 | [41] |
| [DDA][4-NO2Im] | 513.2000 | 117.4500 | 630.6500 | 480.8100 | 129.7000 | 610.5100 | -221.7966 | -273.1683 | -494.9649 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.2303 | [41] |
| [DDA][2-Me-4-NO2Im] | 513.2000 | 137.7600 | 650.9600 | 480.8100 | 149.3000 | 630.1100 | -221.7966 | -292.1663 | -513.9629 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.8519 | [41] |
| [DOM]Bt | 489.2600 | 136.1300 | 625.3900 | 446.3400 | 142.6100 | 588.9500 | -234.5751 | -316.8559 | -551.4310 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.9213 | [41] |
| [DOM]Tr | 489.2600 | 79.9800 | 569.2400 | 446.3400 | 94.9600 | 541.3000 | -234.5751 | -312.7360 | -547.3111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | -0.4604 | [41] |
| [DOM][4-NO2Im] | 489.2600 | 117.4500 | 606.7100 | 446.3400 | 129.7000 | 576.0400 | -234.5751 | -273.1683 | -507.7434 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.2303 | [41] |
| [DOM][2-Me-4-NO2Im] | 489.2600 | 137.7600 | 627.0200 | 446.3400 | 149.3000 | 595.6400 | -234.5751 | -292.1663 | -526.7414 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.4148 | [41] |
| C14mimBr | 420.4700 | 42.2100 | 462.6800 | 404.4700 | 58.6300 | 463.1000 | -215.3774 | -325.3283 | -540.7057 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 0.9858 | [42] |
| C14mimBr | 420.4700 | 42.2100 | 462.6800 | 404.4700 | 58.6300 | 463.1000 | -215.3774 | -325.3283 | -540.7057 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 308.1500 | 1.0006 | [42] |
| C14mimBr | 420.4700 | 42.2100 | 462.6800 | 404.4700 | 58.6300 | 463.1000 | -215.3774 | -325.3283 | -540.7057 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 318.1500 | 1.0152 | [42] |
| *m* -$C_{12}$mimHB | 376.6200 | 153.9100 | 530.5300 | 364.2500 | 159.7500 | 524.0000 | -213.9581 | -357.6267 | -571.5849 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.4702 | [43] |
| *p* -$C_{12}$mimHB | 376.6200 | 153.9900 | 530.6100 | 364.2500 | 159.0300 | 523.2800 | -213.9581 | -377.2895 | -591.2476 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.6014 | [43] |
| *m* -$C_{12}$mimHB | 376.6200 | 153.9100 | 530.5300 | 364.2500 | 159.7500 | 524.0000 | -213.9581 | -357.6267 | -571.5849 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.4609 | [43] |
| *p* -$C_{12}$mimHB | 376.6200 | 153.9900 | 530.6100 | 364.2500 | 159.0300 | 523.2800 | -213.9581 | -377.2895 | -591.2476 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.7783 | [43] |
| *m* -$C_{12}$mimHB | 376.6200 | 153.9100 | 530.5300 | 364.2500 | 159.7500 | 524.0000 | -213.9581 | -357.6267 | -571.5849 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.5623 | [43] |
| *m* -$C_{12}$mimHB | 376.6200 | 153.9100 | 530.5300 | 364.2500 | 159.7500 | 524.0000 | -213.9581 | -357.6267 | -571.5849 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 308.1500 | 1.5686 | [43] |
| *m* -$C_{12}$mimHB | 376.6200 | 153.9100 | 530.5300 | 364.2500 | 159.7500 | 524.0000 | -213.9581 | -357.6267 | -571.5849 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 318.1500 | 1.5831 | [43] |
| *m* -$C_{12}$mimHB | 376.6200 | 153.9100 | 530.5300 | 364.2500 | 159.7500 | 524.0000 | -213.9581 | -357.6267 | -571.5849 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 328.1500 | 1.5974 | [43] |
| *p* -$C_{12}$mimHB | 376.6200 | 153.9900 | 530.6100 | 364.2500 | 159.0300 | 523.2800 | -213.9581 | -377.2895 | -591.2476 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 298.1500 | 1.5686 | [43] |
| *p* -$C_{12}$mimHB | 376.6200 | 153.9900 | 530.6100 | 364.2500 | 159.0300 | 523.2800 | -213.9581 | -377.2895 | -591.2476 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 308.1500 | 1.6429 | [43] |
| *p* -$C_{12}$mimHB | 376.6200 | 153.9900 | 530.6100 | 364.2500 | 159.0300 | 523.2800 | -213.9581 | -377.2895 | -591.2476 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 318.1500 | 1.6487 | [43] |
| *p* -$C_{12}$mimHB | 376.6200 | 153.9900 | 530.6100 | 364.2500 | 159.0300 | 523.2800 | -213.9581 | -377.2895 | -591.2476 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 328.1500 | 1.6620 | [43] |

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