

# Abbreviations

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| BAD      | Benzamide adenine dinucleotide                           |
| cDPG     | Cyclodiphospho D-glycerate                               |
| CE       | Capillary electrophoresis                                |
| CK       | Creatine kinase  |
| CPE      | Controlled potential electrolysis                        |
| Cpmp     | 1-(2-chlorophenyl)-4-methoxypiperidin-2-yl               |
| CV       | Cyclic voltammetry                                       |
| DETPA    | Di(2-ethylhexyl)thiophosphoric acid                      |
| DMAD     | Dimethyl acetylenedicarboxylate                          |
| DMF      | Dimethylformamide  |
| DMPC     | Dimyristoylphosphatidylcholine                           |
| DRAMA    | Dipolar restoration at the magic angle                   |
| DSC      | Differential scanning calorimetry                        |
| DTA      | Differential thermal analysis                            |
| ERMS     | Energy resolved mass spectrometry                        |
| ESI-MS   | Electrospray ionization mass spectrometry                |
| EXAFS    | Extended X-ray absorption fine structure                 |
| FAB      | Fast atom bombardment                                    |
| Fpmp     | 1-(2-fluorophenyl)-4-methoxypiperidin-2-yl               |
| HPLC     | High-performance liquid chromatography                   |
| LA-FTICR | Laser ablation Fourier Transform ion cyclotron resonance |
| MALDI    | Matrix assisted laser desorption ionization              |
| MCE      | Micellar electrokinetic chromatography                   |
| MIKE     | Mass-analysed ion kinetic energy                         |
| PAH      | Polycyclic aromatic hydrocarbons                         |
| QDA      | Hydroquinone- <i>O,O'</i> -diacetic acid                 |
| PMEA     | 9-[2-(Phosphonomethoxy)ethyl]adenine                     |
| SATE     | <i>S</i> -Acyl-2-thioethyl                               |
| SIMS     | Secondary ion mass spectrometry                          |
| SSAT     | Spermidine/spermine-N1-acetyltransferase                 |
| SSIMS    | Static secondary ion mass spectrometry                   |
| TAD      | Thiazole-4-carboxamide adenine dinucleotide              |
| tBDMS    | tert-Butyldimethylsilyl                                  |
| TFA      | Trifluoroacetic acid                                     |
| TGA      | Thermogravimetric analysis                               |
| TLC      | Thin-layer chromatography                                |
| TOF      | Time of flight   |
| XANES    | X-Ray absorption near edge spectroscopy                  |

