

**Supplementary Figure 2.** Mass spectrometric parameters applied in the study.

The figure displays four panels of a mass spectrometer configuration software:

- Source Tab:** Shows parameters for ESI mode. End Plate Offset: 500 V, Capillary: 4500 V, Nebulizer: 2.0 Bar, Dry Gas: 8.0 l/min, Dry Temp: 250 °C. Divert Valve: Valve Head 6 Port, Position: Source 1-2, Waste 1-6.
- General Tab:** Transfer settings. Funnel 1 RF: 350.0 Vpp, Funnel 2 RF: 600.0 Vpp, isCID Energy: 0.0 eV, Multipole RF: 400.0 Vpp, Deflection Delta: 70.0 V, Quadrupole Ion Energy: 5.0 eV, Low Mass: 300.00 m/z, Collision Cell Collision Energy: 7.0 eV, Pre Pulse Storage: 12.0 μs. Stepping Mode: Basic. Collision RF: 1500.0 to 2100.0 Vpp, Transfer Time: 121.0 to 181.0 μs, Timing: 50 ms. MS/MS only: Collision Energy: 80 to 100 %, Timing: 50 ms.
- Auto MS/MS Tab:** Precursor Ion List. CID: AcqCtrl selected. Mass Range: 50.00-300.00, 1221.90-1225.00. Threshold: Absolute (per 1000 sum.) 300 cts, Exclude after 1 Spectra. Active Exclusion: Absolute 1628 cts, Release after 2.00 min. Smart Exclusion: 5 x. Reconsider Precursor: if Current Intens. / Previous Intens. > 2.5.
- MS/MS Acquisition Control Tab:** MS/MS Acquisition Control. Spectra Rate: MS 1.00 Hz. Fixed MS/MS Acquisition: 0.68 Hz. Dynamic MS/MS Spectra Acquisition: Target Intensity (MS/MS TIC) 20000 cts, Max. MS/MS Spectra Acquisition: 2.00 Hz, Min. MS/MS Spectra Acquisition: 0.50 Hz. Total Cycle Time Range: 3 sec, Absolute Threshold: 1628 cts.