

Supplementary materials

Peptaibol-Containing Extracts of *Trichoderma atroviride* and the Fight Against Resistant Microorganisms and Cancer Cells

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Figure S1 – S3 depict fragmentation of chosen ions in the range corresponding to atroviridins/peptaibols of *Trichoderma atroviride* (Figure 1). The presence of α -amino isobutyric acid (Aib) suggest the identity of compounds as peptaibols, while also the spectra themselves bears features of MALDI-TOF/TOF measured peptaibol spectra by Brito *et al.* (2014) [21] and Katoch *et al.* (2019) [22] – increased number of peaks and partial sequences, but sufficient to provide evidence for presence of Aib – characteristic for peptaibols. Annotation of the sequence (indication of amino acids) was performed using FlexAnalysis programme (Bruker Daltonics, Billerica, Massachusetts, USA). Canonical amino acids are indicated using single-letter code, while α -amino isobutyric acid, isoleucine and isovaline are indicated as Aib, Ile and Iva, respectively.

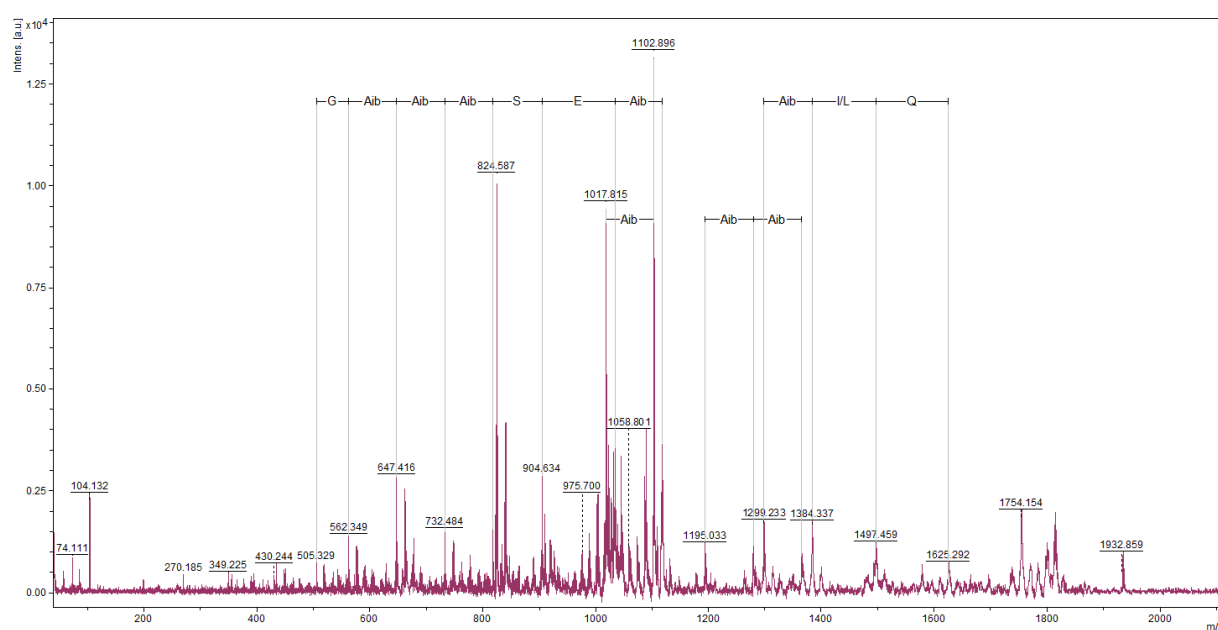


Figure S1. MALDI-TOF/TOF (MS/MS) spectrum of fragmented ion m/z 1932.

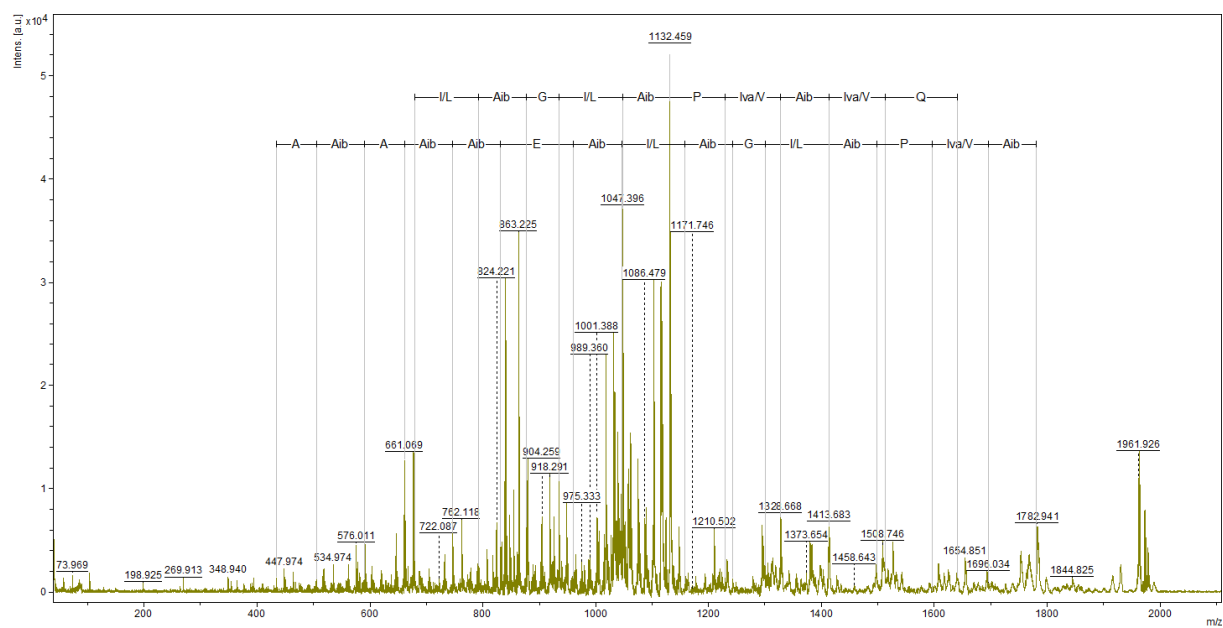


Figure S2. MALDI-TOF/TOF (MS/MS) spectrum of fragmented ion m/z 1962.

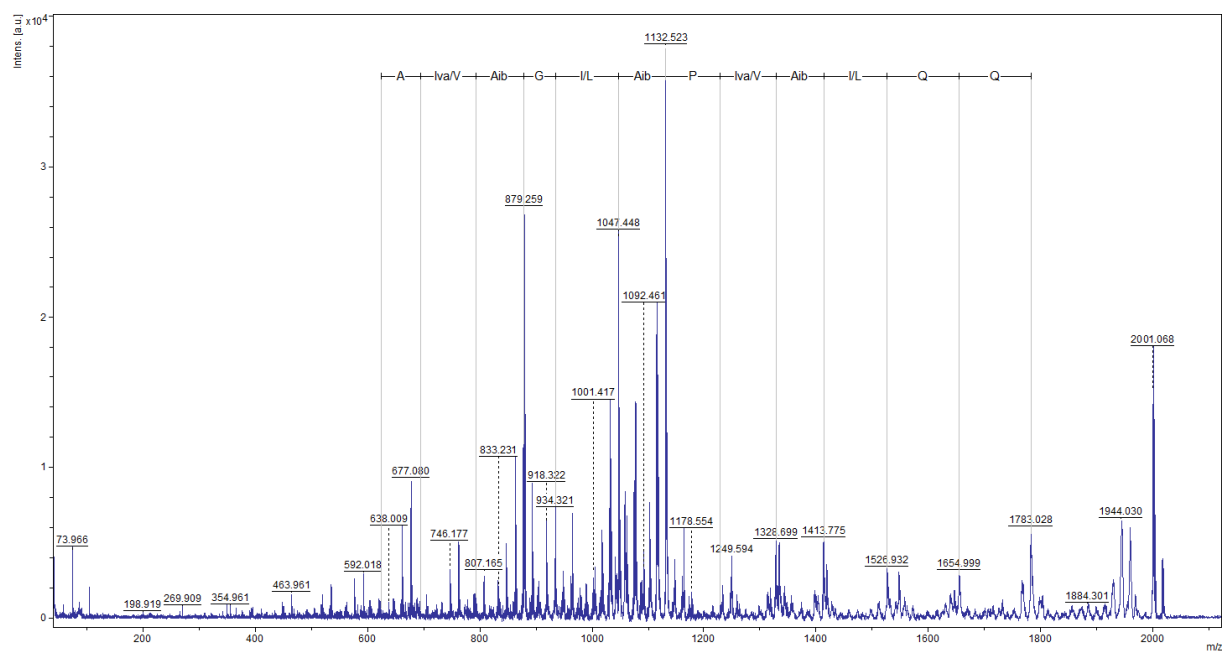


Figure S3. MALDI-TOF/TOF (MS/MS) spectrum of fragmented ion m/z 2001.