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* You should state whether an appropriate sample size was computed when the study was being designed
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Three biological replicates are generally deemed sufficient to assess abolishment of a biosynthetic pathway via metabolomics by HPLC-MS for compounds that can be detected with a signal-to-noise ration greater than 100>1 (which is the case for all compounds discussed in this study). Most graphs included in this manuscript are based on three (in some cases four or six) biological replicates.

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* You should report how often each experiment was performed
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* The data obtained should be provided and sufficient information should be provided to indicate the number of independent biological and/or technical replicates
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As stated above, most graphs included in this manuscript include data from three (in some cases four or six) independent biological replicates.

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* Statistical analysis methods should be described and justified
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Table S9 contains the source data for all bar graphs in the manuscript, including Figures 3, 4, S6, S7, S9, S10, S11, S13, and S16. Metaboseek software used for the analysis of HPLC-MS data is freely available at www.metaboseek.com