

Supplementary Data

Anticholinesterase activity of methanolic extract of *Amorpha fruticosa* flowers and isolation of rotenoids and putrescine and spermidine derivatives

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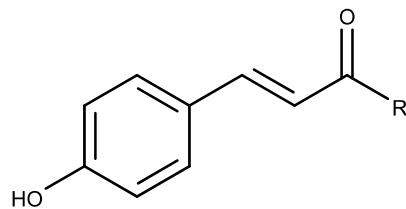
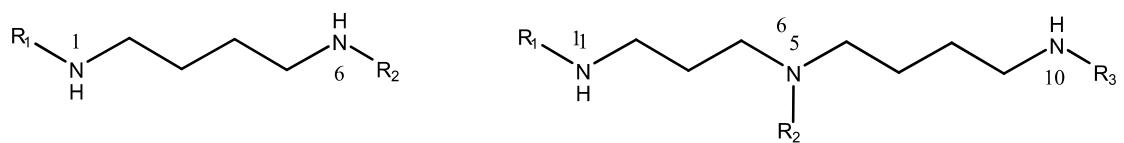
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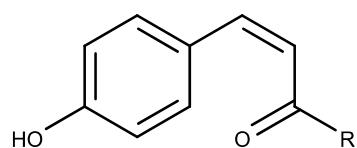
Figure S1. Structures of the compounds **1–10** isolated from flowers of *A. fruticosa*.

Figure S2. HPLC-DAD chromatogram of the crude extract at a concentration of 5 mg/mL and typical UV spectrum of phenolamides.

Figure S3. HPLC-DAD chromatogram of the ethyl acetate fraction at a concentration of 5 mg/mL and assignment of the peaks to the corresponding compounds **1–5**.



A = *trans*-*p*-coumaroyl



B = *cis*-*p*-coumaroyl

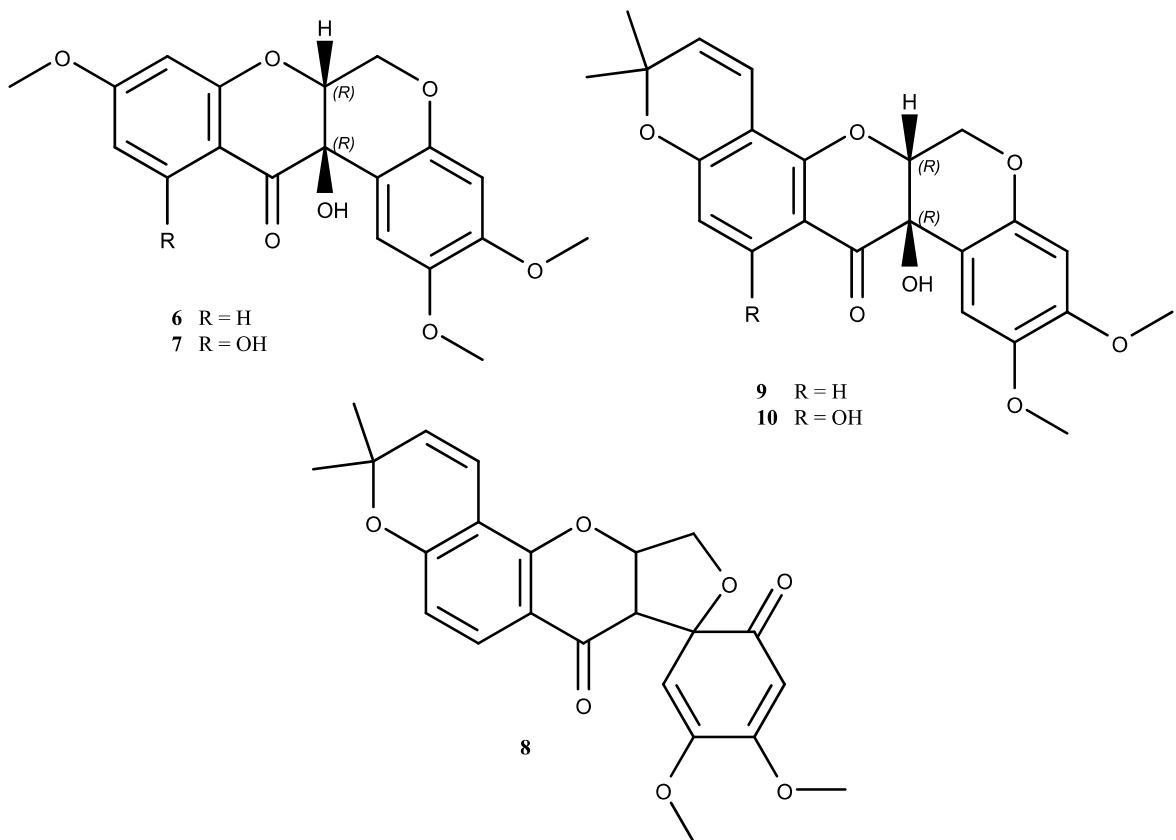


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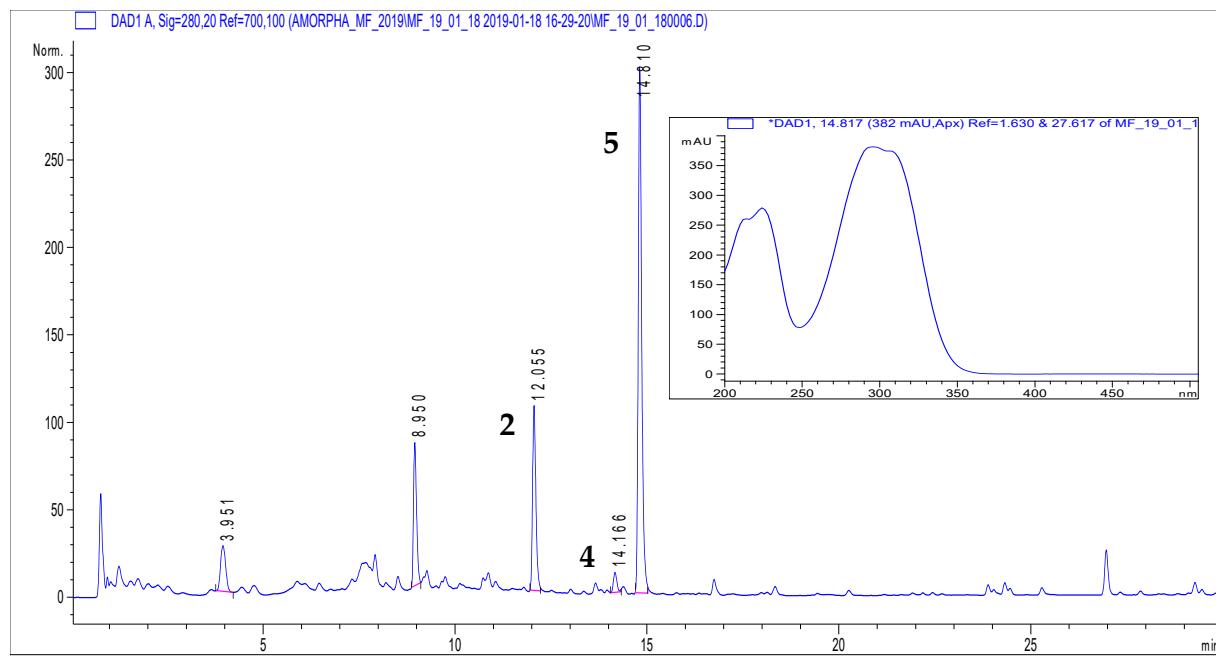


Figure S2. HPLC-DAD chromatogram of the crude extract at a concentration of 5 mg/mL and typical UV spectrum of phenolamides.

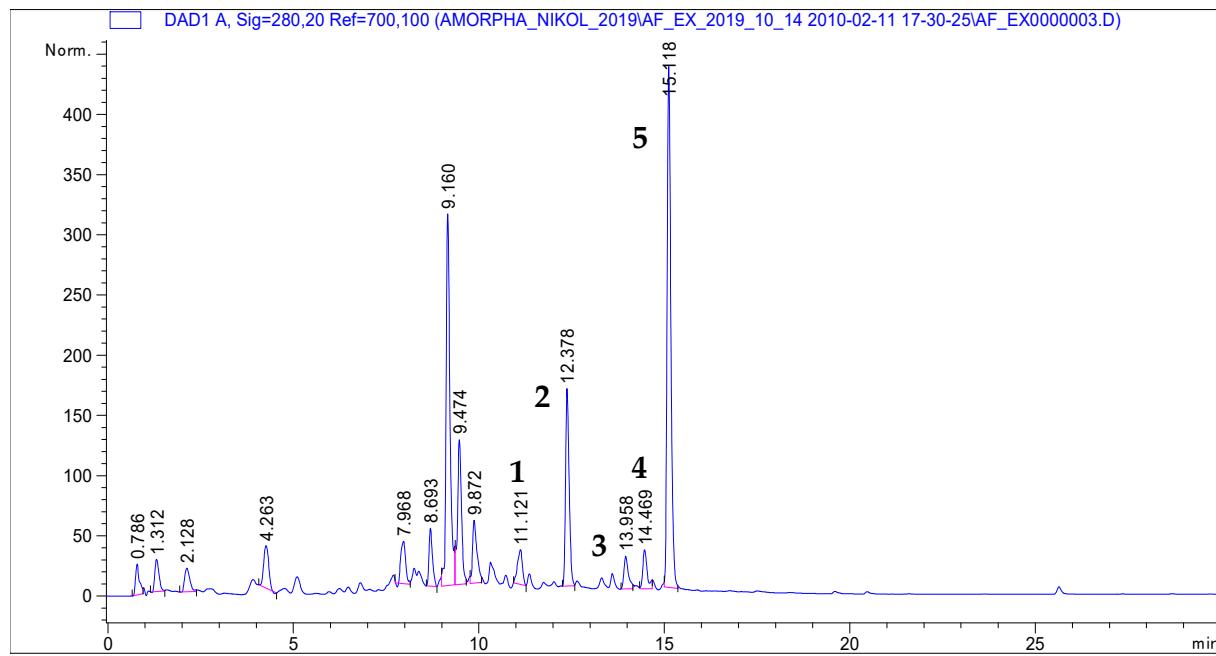


Figure S3. HPLC-DAD chromatogram of the ethyl acetate fraction at a concentration of 5 mg/mL and assignment of the peaks to the corresponding compounds 1–5.