

Stilbenes in Red Wine: Formation and Biological Potential of Resveratrol and Piceid Dimers

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Supplementary Material List

Figure S1. ¹H NMR spectrum of δ-viniferin in acetone-*d*₆.

Figure S2. ¹H NMR spectrum of δ-viniferin diglucoside in methanol-*d*₄.

Figure S3. Polymerization kinetics of δ-viniferin from resveratrol (10 mg/L - A), and of δ-viniferin-diglucoside from piceid (10 mg/L - B) at 40 °C based on relative area of HPLC-DAD (λ = 306 nm) during 63 days.

Table S1. Validation parameters of recovery (%), accuracy (%) and precision (RSD%) for resveratrol (1), piceid (2), δ-viniferin (3), and δ-viniferin-diglucoside (4) at 6.5 and 0.78 mg/L.

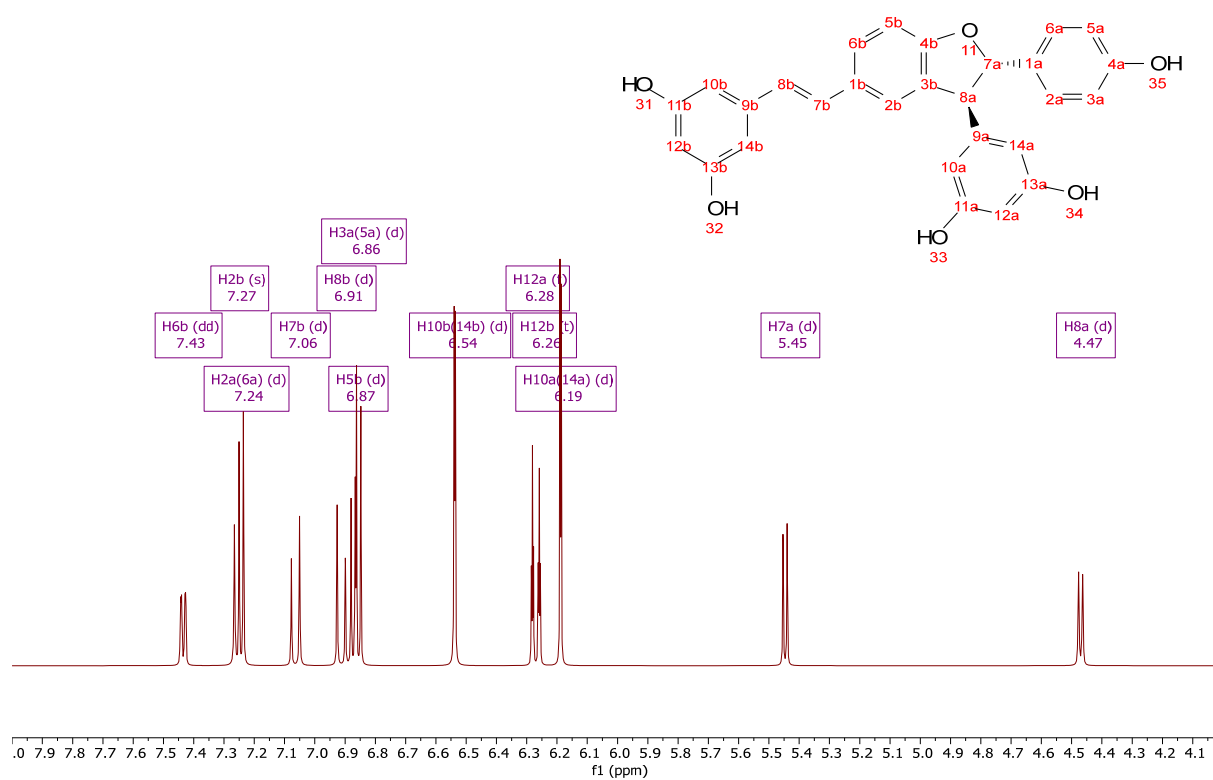


Figure S1. ^1H NMR spectrum of δ -viniferin in acetone- d_6 .

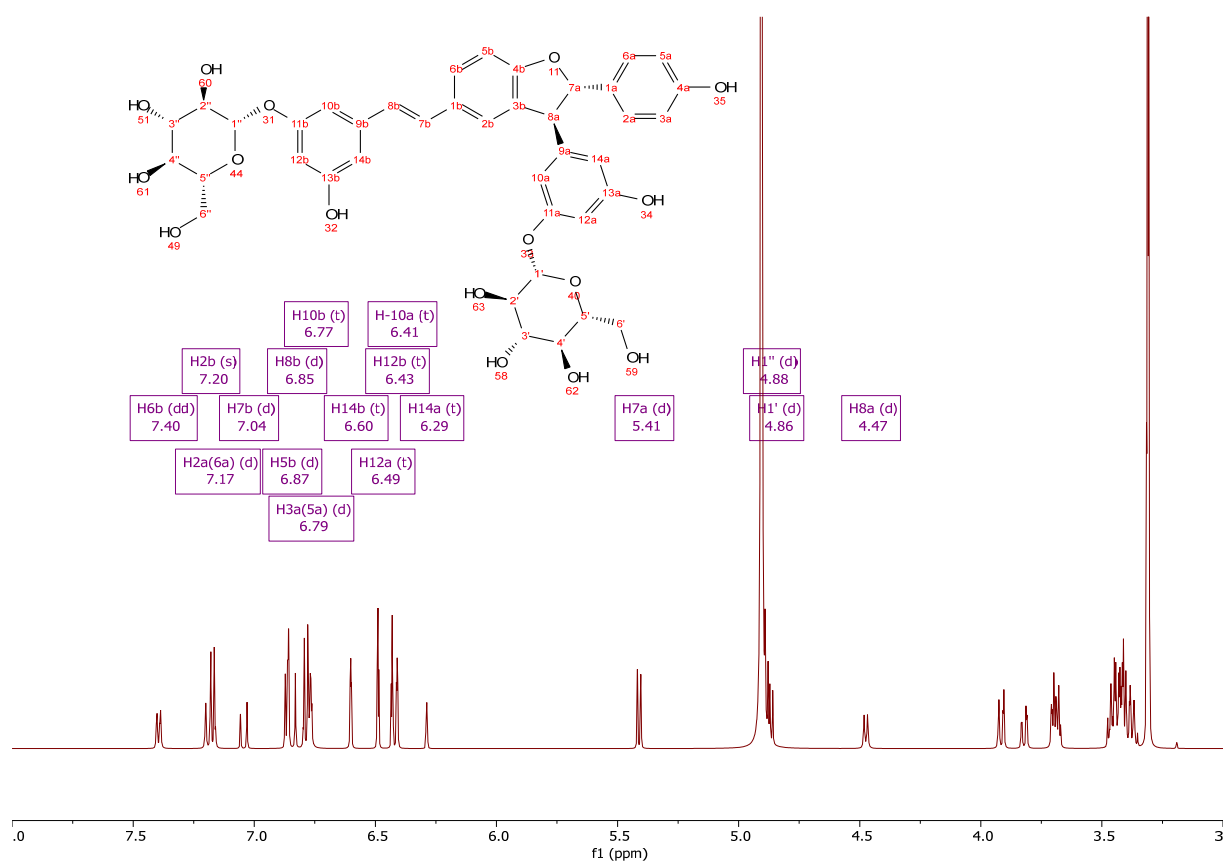


Figure S2. ^1H NMR spectrum of δ -viniferin diglucoside in methanol- d_4 .

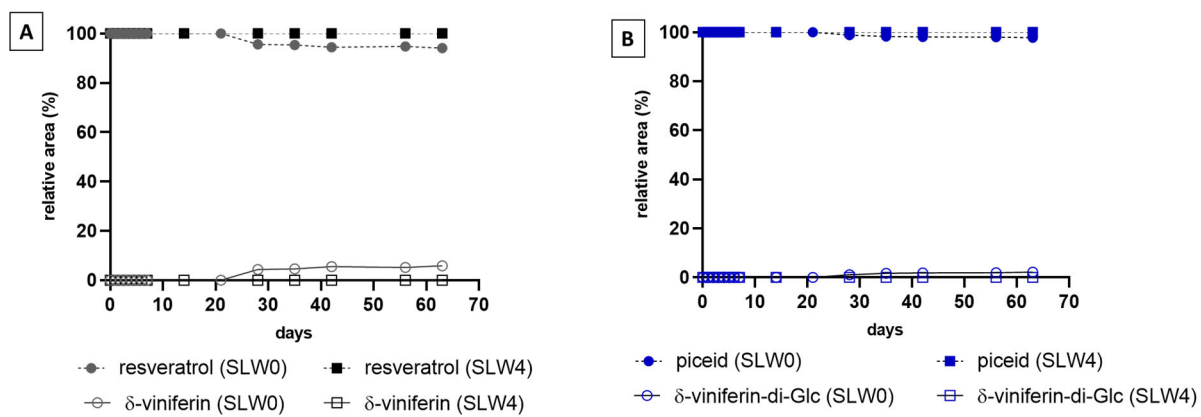


Figure S3. Polymerization kinetics of δ -viniferin from resveratrol (10 mg/L - A) and of δ -viniferin-diglucoside from piceid (10 mg/L - B) at 40 °C based on relative area of HPLC-DAD ($\lambda = 306$ nm) during 63 days.

Table S1. Validation parameters of recovery (%), accuracy (%) and precision (RSD%) for resveratrol (1), piceid (2), δ -viniferin (3) and δ -viniferin-diglucoside (4) at 300 and 50 $\mu\text{g/L}$.

	Concentration ($\mu\text{g/L}$)	Recovery (%)	Accuracy (%)	Precision (RSD%)
1	300	46.12	83.85	6.22
	50	124.93	138.89	19.54
2	300	OVER	-	-
	50	OVER	-	-
3	300	47.56	45.57	12.16
	50	66.64	64.24	17.82
4	300	27.99	28.51	17.35
	50	23.42	43.93	20.99

OVER: concentration above the calibration range ($> 3100 \mu\text{g/L}$), not estimated.