SUPPLEMENTARY DATA

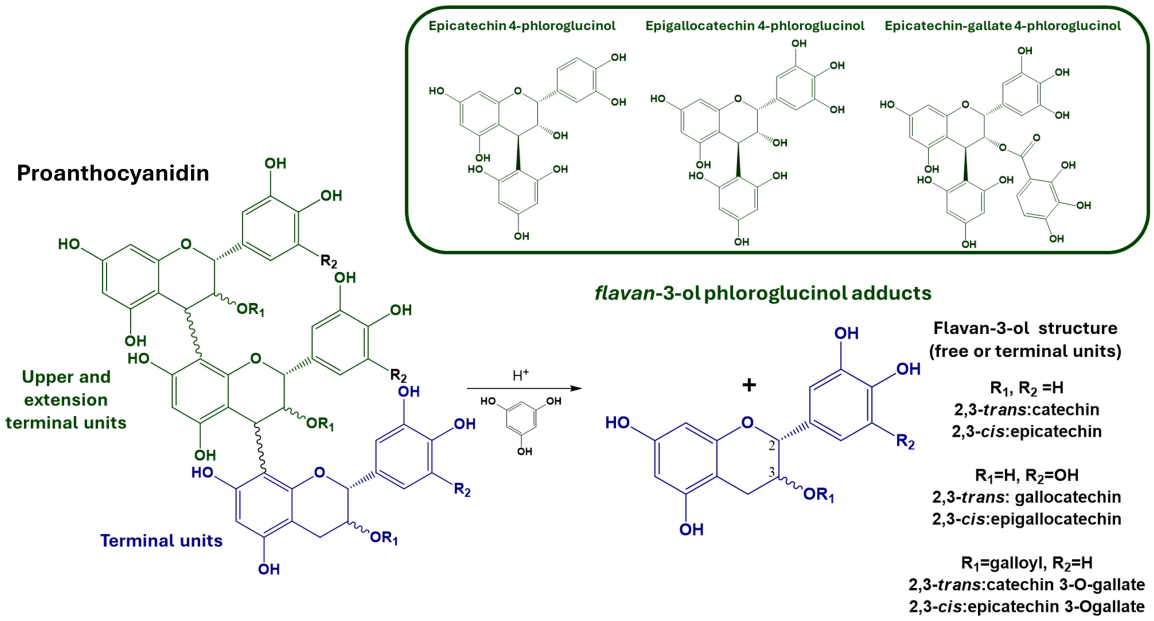


Figure S1. Schematic representation of phloroglucinolysis reaction.

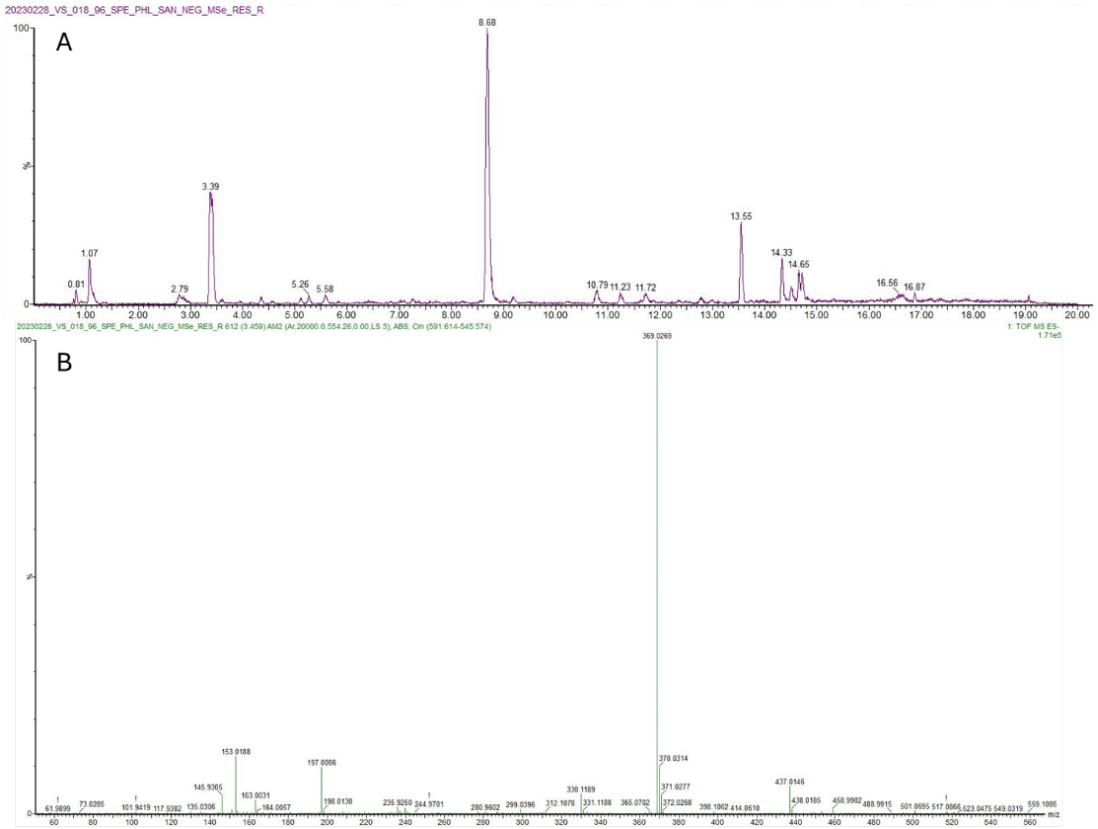


Figure S2. (A) HDMS^E wine chromatogram of Sangiovese sample after phloroglucinolysis reaction, (B) mass spectra of the compound annotated as epicatechin-4β-sulfonate (Δ = 4.5 ppm).

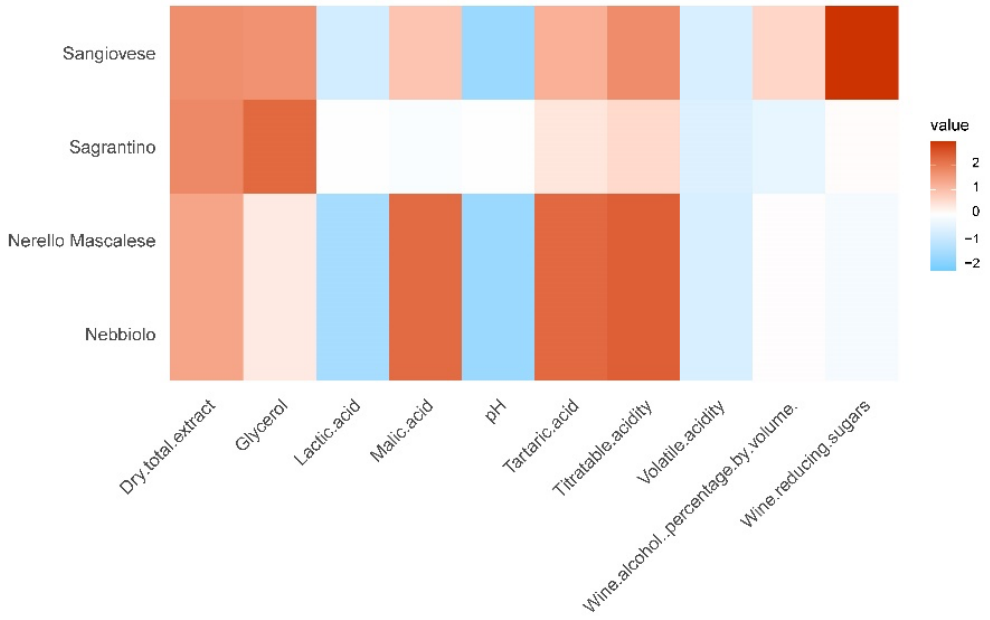


Figure S3. Heatmap of basic oenological analysis from Italian wines from diverse cultivars before SO_2 addition.

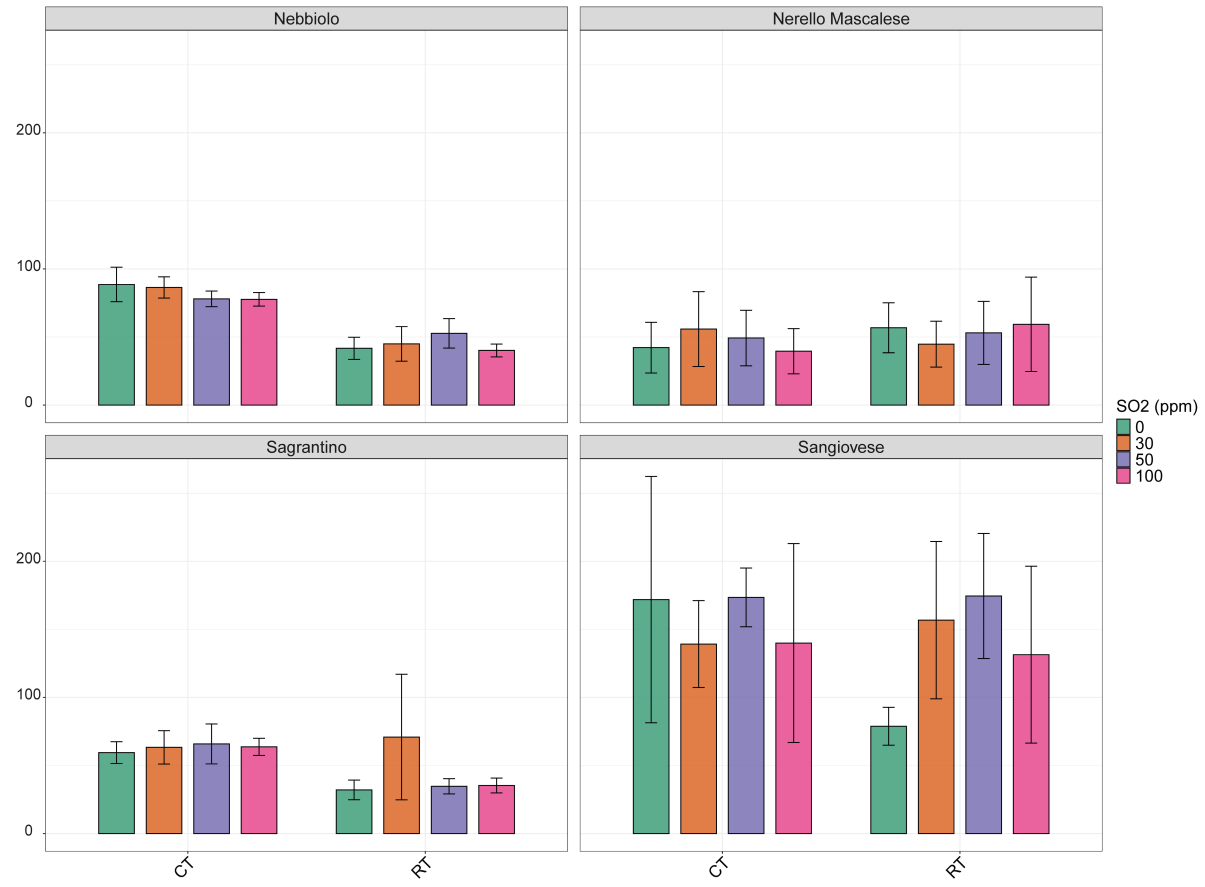


Figure S4. Bar plot of the ratio of Epicatechin sulfonated release after phloroglucinolysis reaction and Epicatechin free according to SO2 addition, storage temperature condition, and cultivar.