

Structural Elements of Sporopollenin from the Pollen of *Torreya californica* Torr. (Gymnospermae): Using the $^1\text{H-NMR}$ Technique

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Sporopollenin was isolated and purified from pollen of the gymnospermae *Torreya californica* using an enzymatic treatment followed by extraction with organic solvents. $^1\text{H-NMR}$ (1D and 2D) was used for analysis of this biopolymer and reveals the presence of three phenolic compounds. Comparison with the analysis of sporopollenin from the angiospermae *Typha angustifolia* L. shows high similarity between the aromatic compounds.