

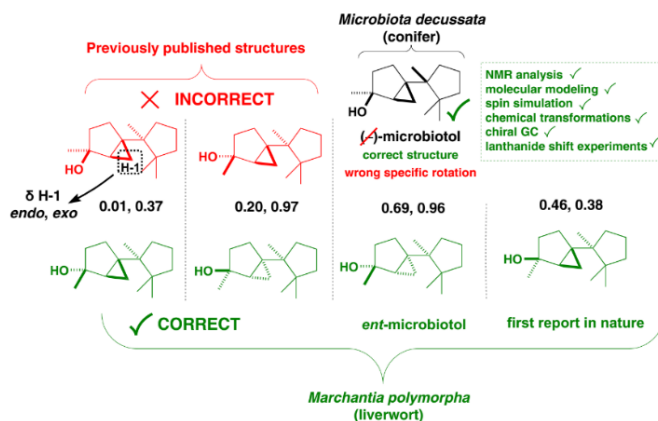
Resolving a Long-Standing Discrepancy: Investigating the Configuration and Occurrence of 2,6-cyclocuparan-3-ols

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2,6-Cyclocuparan-3-ols are chemical markers and major volatiles of several liverwort species. Conflicting reports on the structures of these cyclocuparanols can be found in the literature—different research groups assigned the same spectral data to different structures, yet these inconsistencies were never addressed, let alone satisfactorily explained. Following the isolation of all four diastereoisomeric cyclocuparanols from *Marchantia polymorpha*, their relative and absolute configurations were extensively studied by chemical and spectroscopic methods and definite stereostructures were proposed.¹



Keywords: *Marchantia polymorpha*, Marchantiaceae, liverwort, essential oil, cyclocuparanols, structural revision, microbiotol

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References

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