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Aurélien L. Furlan, Ahmad Saad, Erick J. Dufourc, Julie Géan



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Grape tannin catechin and ethanol fluidify oral membrane mimics containing moderate amounts of cholesterol: implications on wine tasting?

Aurélien L. Furlan ^{a, 1, 2}, Ahmad Saad ^{a, 1}, Erick J. Dufourc ^a, Julie Géan ^{a, *}

^a Institute of Chemistry and Biology of Membranes and Nano-objects, UMR 5248, Univ. Bordeaux, CNRS, Bordeaux INP, F-33600, Pessac, France

¹ Authors contributed equally to this work.

Key words

Solid-state NMR; membrane fluidity; order parameter; lipid phase heterogeneity; astringency; bitterness

Abbreviations

C, (+)-catechin; CH, cholesterol; DMPC, 1,2-dimyristoyl-*sn*-glycero-3-phosphocholine; DMPC-²H₅₄, 1,2-myristoyl-²H₅₄-*sn*-glycero-3-phosphocholine; EtOH, ethanol; MLV, multilamellar vesicles; NMR, nuclear magnetic resonance; T/L, tannin/lipid molar ratio.

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