

Showcasing research from Dr Chevé-Kools, Université Paris Cité and Nantes University, France.

Natural deep eutectic solvents (NaDES): green solvents for pharmaceutical applications and beyond

Reducing the use of harmful organic solvents is a major concern for the pharmaceutical industry. NaDES offer a greener alternative with environmental, health and economic benefits. Our review first provides a comprehensive overview of their characteristics and practical use, before discussing their potential pharmaceutical applications, including synthesis, extraction, formulation, active substances and innovation. Finally, we address critical challenges, providing a holistic framework spanning from fundamental theory to industrial implementation.

Artwork created by Annemarieke de Kloet and Loïc Prévost.

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