

A total conformational analysis of diastereomeric esters and calculation of their conformational shielding models
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An NMR and MD modeling insight into nucleation of 1,2-alkanediols : selective crystallization of lipase-catalytically resolved enantiomers from the reaction mixtures
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Bis-spirocyclic diol monomers and polyurethanes derived from citric acid : synthesis, properties, electrospinnability, and evaluation of chemical recyclability
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Enzymatic synthesis and polymerization of isosorbide-based monomethacrylates for high-Tg plastics
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Isosorbide-based polymers as alternatives to conventional plastics
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Poly(alkanoyl isosorbide methacrylate)s : from amorphous to semicrystalline and liquid crystalline biobased materials
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Scalable lipase-catalyzed synthesis of (R)-4-(Acyloxy)pentanoic acids from racemic γ -valerolactone
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Stereoselective Synthesis of γ -(Acyloxy)Carboxylic Acids and γ -Lactones Features the Switch of Stereopreference of CalB Along Sodium γ -Hydroxycarboxylate Homologues

Parve, Jaan; **Kudrjašova, Marina**; **Shalima, Tatsiana**; **Villo, Ly**; **Ferschel, Moonika**; **Niidu, Allan**; Liblikas, Ilme; Reile, Indrek; **Aav, Riina**; Gathergood, Nicholas; Vares, Lauri; Pehk, Tõnis; **Parve, Omar** European journal of organic chemistry 2023 / art. e202201329 <https://doi.org/10.1002/ejoc.202201329> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Synthesis and quantitative analysis of diastereomeric linked ester conjugates with remote stereocenters using high field NMR and chiral HPLC

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The tetrahydropyranyl-protected mandelic acid : a novel versatile chiral derivatising agent

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