

Benchmarking computational methods and influence of guest conformation on chirogenesis in zinc porphyrin complexes

Osadchuk, Irina; Borovkov, Victor; Aav, Riina; Clot, Eric Physical chemistry chemical physics 2020 / p. 11025–11037
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Chirality induction and self-assembly of metallo-porphyrins by chiral cyclohexanohemicucurbiturils

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Controlling chirogenic effects in porphyrin based supramolecular systems: theoretical analysis versus experimental observations

Osadchuk, Irina; Luts, Hanna-Eliisa; Zahharova, Aleksandra; Tamm, Toomas; Borovkov, Victor ChemPhysChem 2024 / art. e202400104 <https://doi.org/10.1002/cphc.202400104> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

ECD spectra of porphyrin complexes using TD-DFT

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Host-guest complexes of 2-aminocyclohexyl thioureas and zinc porphyrins: chiroptic properties and binding mechanism

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Importance of molecular symmetry for enantiomeric excess recognition by NMR

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Induced circular dichroism in zinc porphyrin complexes

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Mechanochemical synthesis of new mono-functionalized cyclohexanohemicucurbit[8]uril

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Supramolecular chirogenesis in porphyrin chemistry : Recent developments and further prospects

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Supramolecular chirogenesis in zinc porphyrins: complexation with enantiopure thiourea derivatives, binding studies and chirality transfer mechanism

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Unusual defect-related room-temperature emission from WS2 monolayers synthesized through a potassium-based

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