

Alkyltitanium ate complexes generated from alkylmagnesium halides and titanium TADDOLate : NMR and computational study

Kananovich, Dzmitry; Adamson, Jasper; **Osadchuk, Irina**; **Kudrjašova, Marina**; **Lopp, Margus** Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 84 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Anharmonic vibrational spectrum and experimental matrix isolation study of thioformic acid conformers-potential candidates for molecular cloud and solar system observations?

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

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Chirogenesis in Zinc porphyrins : theoretical evaluation of electronic transitions, controlling structural factors and axial ligation

Osadchuk, Irina; **Aav, Riina**; **Borovkov, Victor**; Clot, Eric ChemPhysChem 2021 / p. 1817–1833 : ill
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Complexes of HXeY with HX (Y, X = F, Cl, Br, I) : symmetry-adapted perturbation theory study and anharmonic vibrational analysis

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

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Iridium PCP pincer complexes in electrochemical CO₂ hydrogenation

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Mono-tsinkporfüriinide CD spektrite arvutuslik simuleerimine

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Porphyrin-based (chir)optical sensing of amino-functionalized thiourea organocatalysts

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Supramolecular chirogenesis in a sterically hindered Porphyrin : a critical theoretical analysis

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Supramolecular chirogenesis in a sterically hindered porphyrin: a critical theoretical analysis

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Supramolecular Chirogenesis in bis-porphyrin: crystallographic structure and CD spectra for a complex with a chiral guanidine derivative

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Supramolecular Chirogenesis in bis-porphyrin: crystallographic structure and CD spectra for a complex with a chiral guanidine derivative

Osadchuk, Irina; **Konrad, Nele**; Truong, Khai-Nghi; **Aav, Riina**; **Kananovich, Dzmitry**; **Borovkov, Victor** Chiral Auxiliaries and Chirogenesis II 2021 / p. 83-96 <https://doi.org/10.3390/sym13020275> <https://doi.org/10.3390/books978-3-0365-1155-9>

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

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Thiourea organocatalysts as emerging chiral pollutants : en route to porphyrin-based (chir)optical sensing

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