

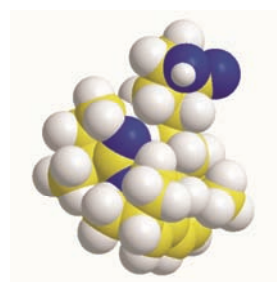
ORIGINAL SCIENTIFIC ARTICLES

CCA-3429

Determination of Simvastatin in Pharmaceutical Dosage Forms by Optimized and Validated Method Using HPLC/UV

Łukasz Guzik, Wojciech Mroziak, and Wojciech Kamysz

Croat. Chem. Acta **83** (2010) 371–377.

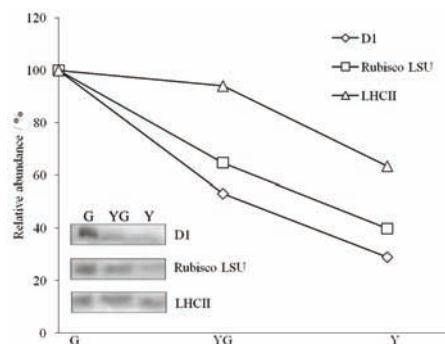


CCA-3430

Changes in Photosystem II Photochemistry in Senescing Maple Leaves

Hrvoje Lepeduš, Vlatka Jurković, Ivna Štolfa, Mirna Ćurković-Perica, Hrvoje Fulgosi, and Vera Cesar

Croat. Chem. Acta **83** (2010) 379–386.



CCA-3431

Interaction of High Density Lipoprotein with Nicotine – an IR and Raman Study

Dubravka Krilov, Marin Kosović, Maja Balarin, Ozren Gamulin, and Jasminka Brnjas-Kraljević

Croat. Chem. Acta **83** (2010) 387–393.

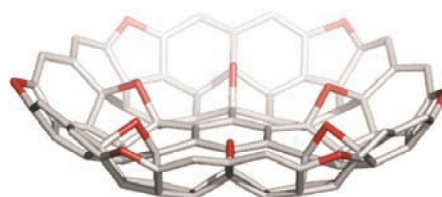


CCA-3432

Omega Polynomial in a Combined Coronene-Sumanene Covering

Mahboubeh Saheli, Mahdiah Neamati, Aleksandar Ilić, and Mircea V. Diudea

Croat. Chem. Acta **83** (2010) 395–401.



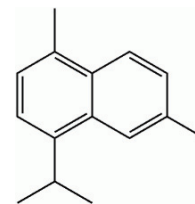
$$\Omega(\text{CorSu}_1, x) = 24x + 12x^2 + 24x^3 + 3x^6$$

CCA-3433

Volatile components from aerial parts of *Centaurea spinosociliata* Seenus ssp. *crinata* (Bartl.) Dostál and *Centaurea spinosociliata* Seenus ssp. *spinosociliata* growing wild in Croatia

Carmen Formisano, Felice Senatore, Svetlana Bancheva, Maurizio Bruno, and Sergio Rosselli

Croat. Chem. Acta **83** (2010) 403–408.

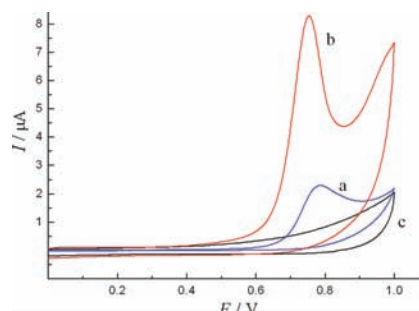


CCA-3434

Electrochemical Behavior and Electrochemical Determination of Tiamulin Fumarate at an Ionic Liquid Modified Carbon Paste Electrode

Li-Hong Liu, Cheng-Qian Duan, and Zuo-Ning Gao

Croat. Chem. Acta **83** (2010) 409–414.

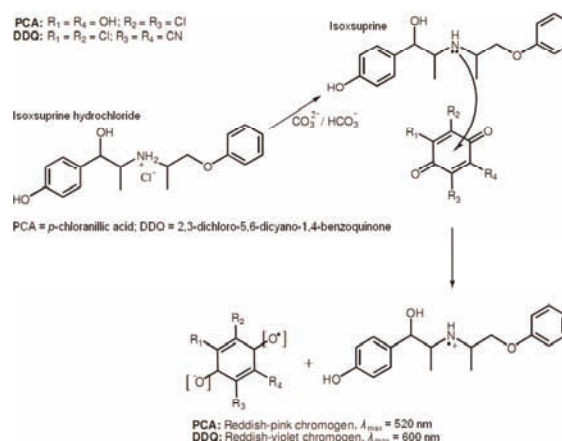


CCA-3435

Spectrophotometric Determination of Isoxsuprine Hydrochloride as Base Form in Pharmaceutical Formulation through Charge Transfer Complexation

Kanakapura Basavaiah, Kalsang Tharpa, and Kanakapura Basavaiah Vinay

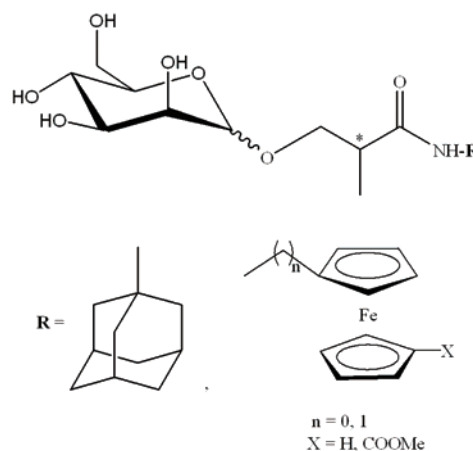
Croat. Chem. Acta **83** (2010) 415–420.



CCA-3436

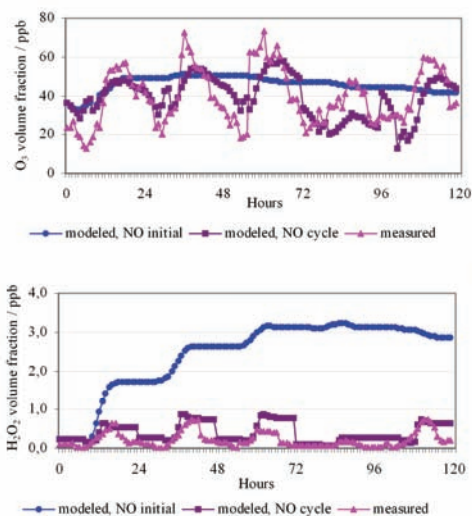
Synthesis and Biological Activity of Mannose Conjugates with 1-Adamantamine and Ferrocene Amines

Rosana Ribić, Monika Kovačević, Vesna Petrović-Peroković, Ita Gruić-Sovulj, Vladimir Rapić, and Srđanka Tomić



Croat. Chem. Acta **83** (2010) 421–431.

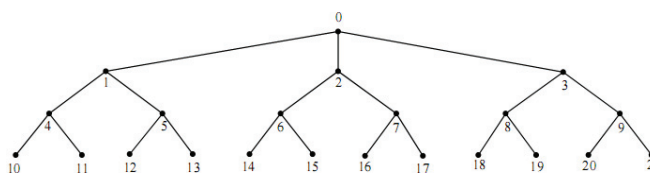
CCA-3437

Modeling of Ozone and Hydrogen Peroxide in AirGordana Pehnc, Leo Klasinc, Tomislav Cvitaš,
Vladimira Vađić, and Glenda Šorgo*Croat. Chem. Acta* **83** (2010) 433–438.**NOTES**

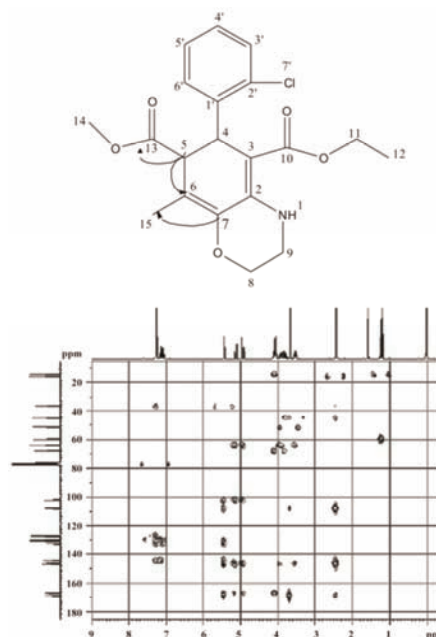
CCA-3438

Balaban Index of an Infinite Class of Dendrimers

H. Shabani, A. R. Ashrafi, and M. V. Diudea

*Croat. Chem. Acta* **83** (2010) 439–442.**PRELIMINARY COMMUNICATIONS**

CCA-3439

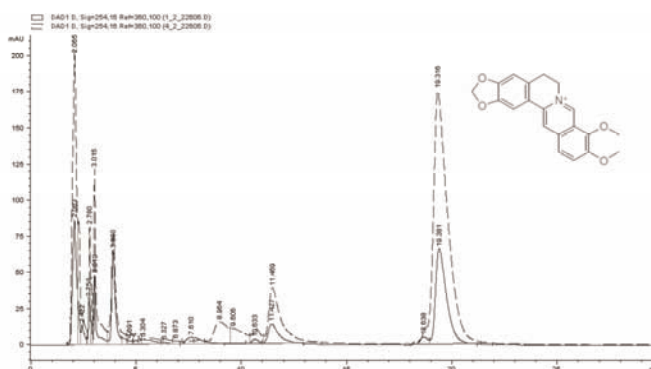
Separation, Identification and Structural Elucidation of a New Impurity in the Drug Substance of Amlodipine Maleate Using LC-MS/MS, NMR and IRGosula Venkat Ram Reddy, Avvaru Praveen Kumar,
Bobba Venkateswara Reddy, Jadi Sreeramulu,
and Jung Hag Park*Croat. Chem. Acta* **83** (2010) 443–449.

CCA-3440

Chemical Differentiation of *Berberis croatica* and *B. vulgaris* Using HPLC Fingerprinting

Marijana Zovko Končić, Dario Kremer, Wolfgang Schühly, Adelheid Brantner, Ksenija Karlović, and Zdenka Kalodera

Croat. Chem. Acta **83** (2010) 451–456.

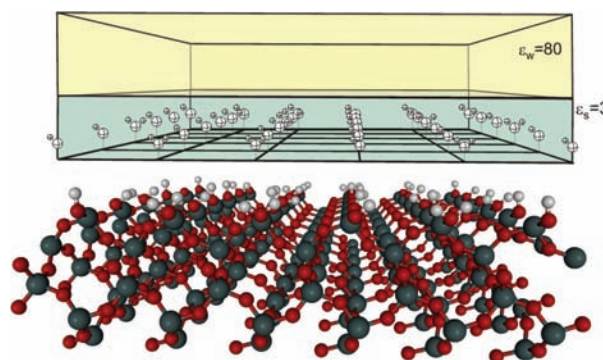
**FEATURE ARTICLES**

CCA-3441

Theory, Experiment and Computer Simulation of the Electrostatic Potential at Crystal/Electrolyte Interfaces

Piotr Zarzycki, Kevin M. Rosso, Shawn Chatman, Tajana Preočanin, Nikola Kallay, and Wojciech Piasecki

Croat. Chem. Acta **83** (2010) 457–474.

**APPENDICES****LETTERS TO THE EDITOR**

Errata

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BOOK REVIEW

Ogledi o Vladimiru Prelogu [*Homage to Vladimir Prelog*]

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Miljenko Dumić and Krunoslav Kovačević

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