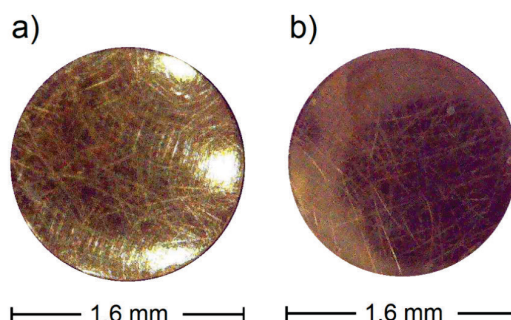


SCIENTIFIC ARTICLES

ORIGINAL SCIENTIFIC ARTICLE

Influence of Bitartrate Ion Concentration in the Copper Electrodeposition Onto a Polycrystalline Gold Electrode

Miguel Hernández, Giaan A. Álvarez-Romero, Margarita Rivera, Simplicio González-Montiel, Clara H. Rios-Reyes, Luis H. Mendoza-Huizar

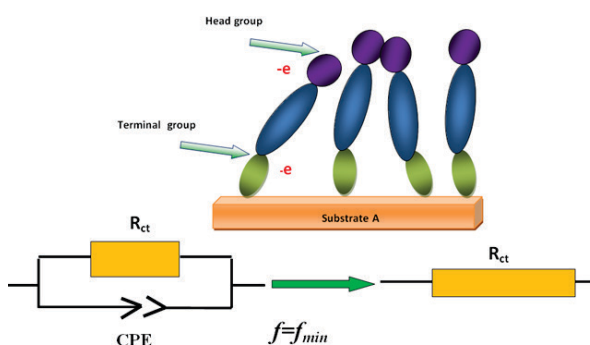


Croat. Chem. Acta 2021, 94(1), 1–6
DOI: 10.5562/cca3757

ORIGINAL SCIENTIFIC ARTICLE

An Estimate of a Frequency Characterizing the Electrochemical Stability of a Gold Electrode Modified by MHDA Thiol in Different Ways

Sarah Chaibi, Mokhtar Zabat, Toufik Hadjersi, Seddik Elhak Abaidia, Nadia Zine, Nourdin Yaakoubi, Abelhamid Errachid

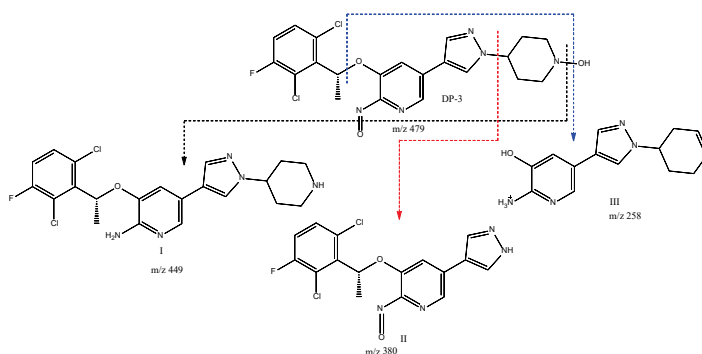


Croat. Chem. Acta 2021, 94(1), 7–15
DOI: 10.5562/cca3731

ORIGINAL SCIENTIFIC ARTICLE

Identification of Crizotinib Major Degradation Products Obtained Under Stress Conditions by RP-UHPLC-HRMS

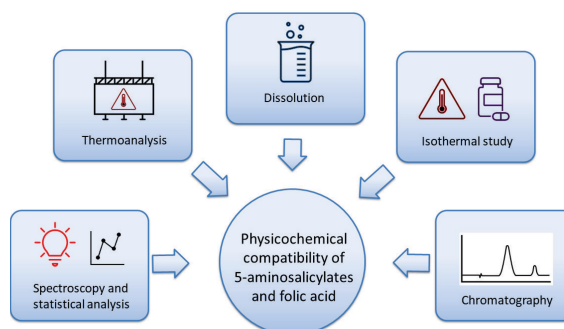
Kristina Tolić, Mislav Runje, Tatjana Gazivoda Kraljević, Dragana Mutavdžić Pavlović



Croat. Chem. Acta 2021, 94(1), 17–24
DOI: 10.5562/cca3756

Thermoanalytical, Spectroscopic and Chromatographic Approach to Physicochemical Compatibility Investigation of 5-Aminosalicylates and Folic Acid

Mario-Livio Jeličić, Edvin Brusač, Stanislav Kurajica, Matija Cvetnić, Daniela Amidžić Klarić, Biljana Nigović, Ana Mornar

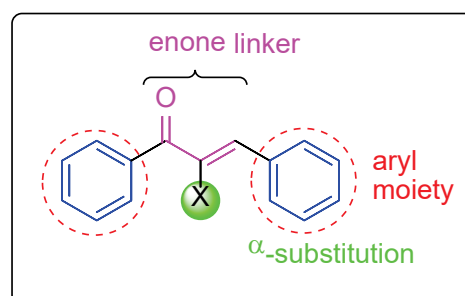


Croat. Chem. Acta **2021**, *94*(1), 25–33

DOI: 10.5562/cca3799

Synthesis and Biological Evaluation of Indolyl Bis-chalcones as Anti-Breast Cancer and Antioxidant Agents

Pravin S. Bhale, Hemant V. Chavan, Rupali S. Endait, Ashok T. Kadam, Rajesh J. Bopalkar, Mandar S. Gaikwad



Croat. Chem. Acta **2021**, *94*(1), 35–41

DOI: 10.5562/cca3758

Decomposition of Molecular Integrals into Atomic Contributions via Becke Partitioning Scheme: a Caveat

Francesco F. Summa, Guglielmo Monaco, Riccardo Zanasi

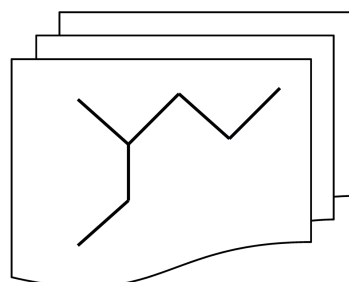
ASA	Contrib.	HF		Contrib.	H ₂ O		
		¹ H	¹⁹ F		¹⁷ O	¹ H ₁	¹ H ₂
none	H	16.51	13.94	O	306.53	8.76	8.76
	F	12.45	401.43	H ₁	12.41	18.46	3.72
	Tot	28.96	415.37	H ₂	12.41	3.72	18.46
				Tot	331.35	30.94	30.94
BS	H	15.48	8.90	O	317.66	11.52	11.52
	F	13.48	406.47	H ₁	6.84	17.03	2.39
	Tot	28.96	415.37	H ₂	6.84	2.39	17.03
				Tot	331.35	30.94	30.94
BCP	H	12.17	7.25	O	326.50	15.68	15.68
	F	16.79	408.12	H ₁	2.42	14.26	1.00
	Tot	28.96	415.37	H ₂	2.42	1.00	14.26
				Tot	331.35	30.94	30.94

Croat. Chem. Acta **2021**, *94*(1), 43–46

DOI: 10.5562/cca3817

Automorphism Groups of Alkane Graphs

Kurt Varmuza, Matthias Dehmer, Frank Emmert-Streib, Peter Filzmoser

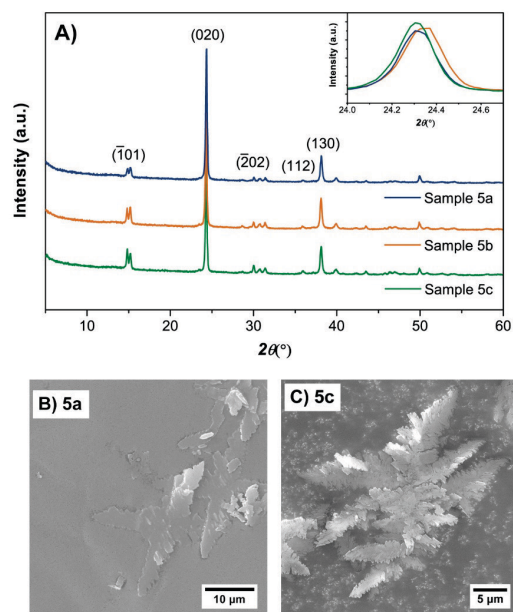


Croat. Chem. Acta **2021**, *94*(1), 47–58

DOI: 10.5562/cca3807

Precipitation of Calcium Oxalate Monohydrate Under Nearly the Same Initial Supersaturation

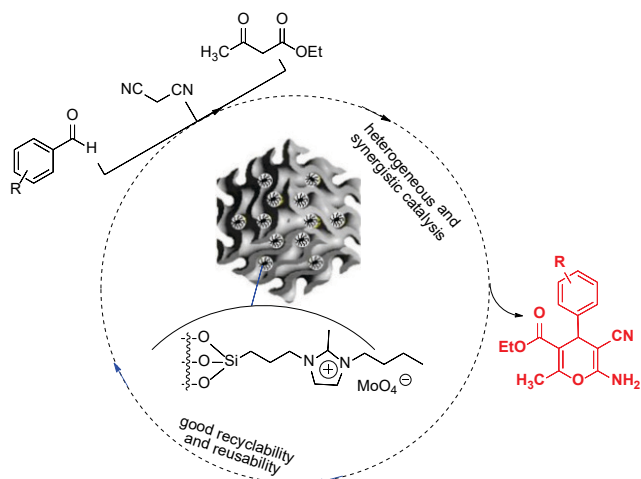
Nives Matijaković Mlinarić, Silvija Šafranko, Bernarda Vidas, Dominik Goman, Stela Jokić, Jasminka Kontrec, Branka Njegić Džakula, Ida Delač Marion, Martina Medvidović-Kosanović, Anamarija Stanković



Croat. Chem. Acta **2021**, *94*(1), 59–66
DOI: 10.5562/cca3806

Mesoporous KIT-6 Supported Ionic Liquids as New and Highly Effective Heterogeneous Catalysts for Three-component Synthesis of 2-Amino-3-cyano-4H-pyrans

Jing Rui Li, Chen Chen, Yu Lin Hu



Croat. Chem. Acta **2021**, *94*(1), 67–74
DOI: 10.5562/cca3797