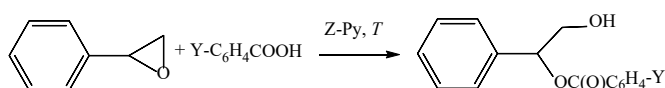


SCIENTIFIC ARTICLES

ORIGINAL SCIENTIFIC ARTICLE

Intriguing Properties of Three-factor Cross-reaction Series. Isoparametricity and Non-interaction Phenomena

Igor Shpan'ko



Y (σ_Y) = H (0), 3-Br (0.39), 3-NO₂ (0.71);
Z (σ_Z) = 4-OMe (-0.27), 4-Et (-0.15), H (0), 3-COOEt (0.37), 3-CN (0.56);
T = 279, 295, 308, 323, 343 K.

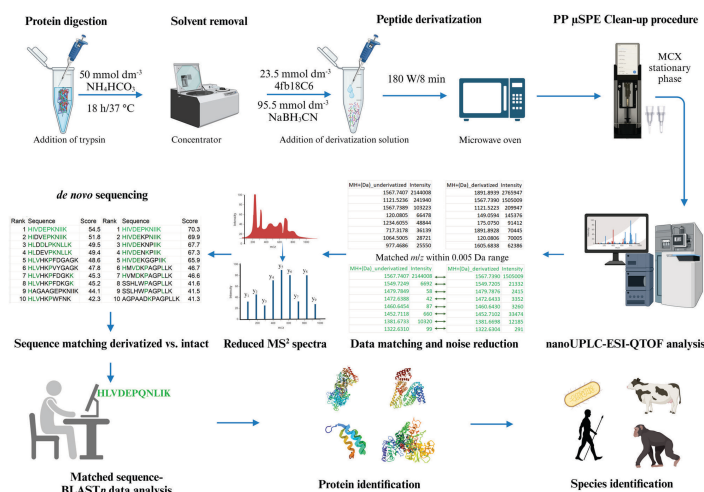
Croat. Chem. Acta 2024, 97(1), 1–14

DOI: 10.5562/cca4052

ORIGINAL SCIENTIFIC ARTICLE

N-Terminal Derivatization of Peptides with 4'-Formylbenzo-18-crown-6-ether for Protein and Species Identification

Luka Ozdanovac, Renata Biba, Marijana Erk, Amela Hozić, Marta Zrno, Mario Cindrić



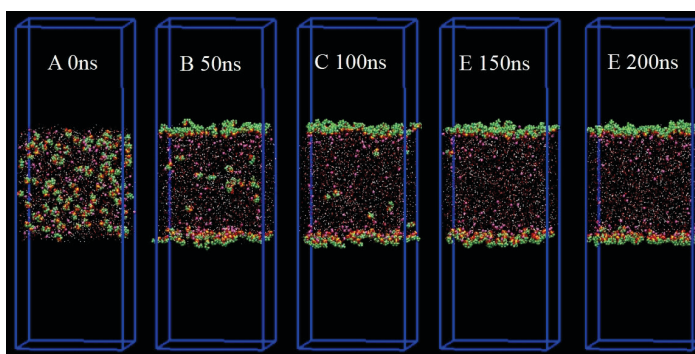
Croat. Chem. Acta 2024, 97(1), 15–25

DOI: 10.5562/cca4083

ORIGINAL SCIENTIFIC ARTICLE

Investigating the Distribution of Potassium Perfluoro (2-Ethoxyethane) Sulfonic Acid in Water/Gas Systems using Molecular Dynamics Method

Xianwu Jing, Qiang Wang, Long Xian, Zeyin Jiang, Xin Huang

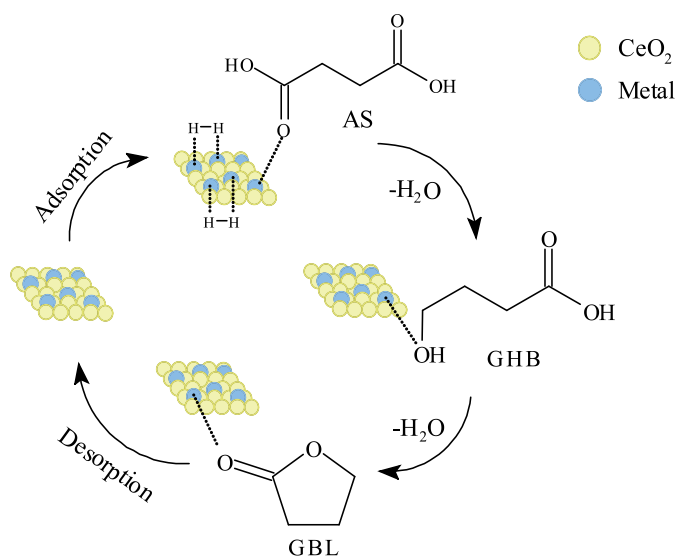


Croat. Chem. Acta 2024, 97(1), 27–31

DOI: 10.5562/cca4067

Catalytic Hydrogenation of Succinic Acid Using Materials of Fe/CeO₂, Cu/CeO₂ and Fe-Cu/CeO₂

Angela Ruiz, Claudia Castañeda, Edwin Sosa, Carlos Rodríguez, Sonia Mancipe, José J Martínez, María Helena Brijaldo, Hugo Rojas

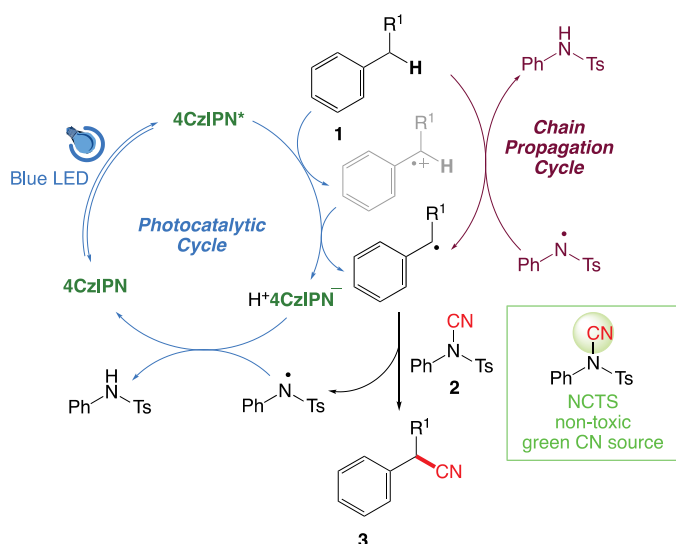


Croat. Chem. Acta **2024**, 97(1), 33–41

DOI: 10.5562/cca4088

Visible-Light Photocatalysed Cyanation of Benzylic C–H Bonds

Satya Prakash Singh, Praveen P. Singh, Prashant Gahtori, Shailendra Singh, Vishal Srivastava



Croat. Chem. Acta **2024**, 97(1), 43–48

DOI: 10.5562/cca4084