

REVUE ROUMAINE DE CHIMIE (ROUMANIAN JOURNAL OF CHEMISTRY)

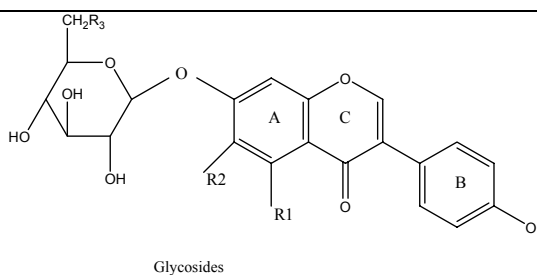
Tome 52, N° 6

Juin 2007

REVIEW

**Mariana ALBULESCU
and Marinela POPOVICI**

Isoflavones – biochemistry, pharmacology and therapeutic use



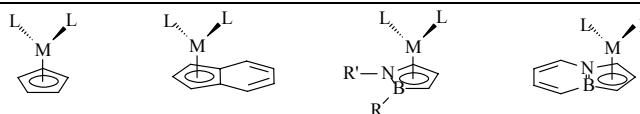
Rev. Roum. Chim., 2007, 52(6), 537-550

Key words: isoflavone, phytoestrogens, daidzein, genistein, equol.

PAPERS

Laura ORIAN

A DFT investigation of the structural and electronic properties of Co(I) and Rh(I) half-sandwich complexes with heteroaromatic π ligands



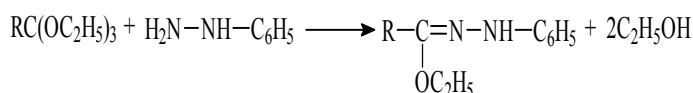
M = Co, Rh L = C₂H₂; L₂ = COD R = N(CH₃)₂ R' = CH₃

Rev. Roum. Chim., 2007, 52(6), 551-558

Key words: DFT calculations, cobalt, rhodium, heteroaromatic π ligands, alkyne cyclotrimerization.

George BRĂTULESCU

Préparation des hydrazonates à partir des orthoesters et phénylhydrazine



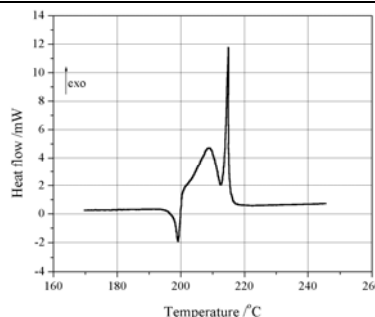
Preparation of hydrazonates from orthoesters and phenylhydrazine

Rev. Roum. Chim., 2007, 52(6), 559-560

Key words: hydrazonates, alumine, micro-ondes, spectres IR.

**Adina Magdalena MUSUC, Crisan POPESCU,
Domnina RAZUS and Dumitru OANCEA**

Non-isothermal kinetic analysis of thermal decomposition of 2,4-dinitrophenylhydrazine

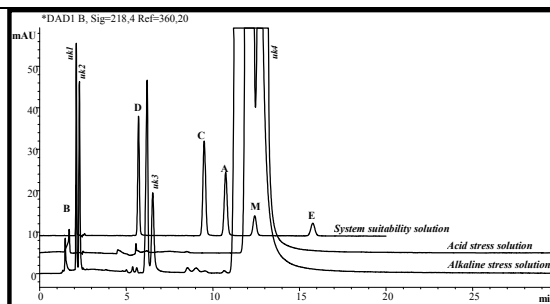


Rev. Roum. Chim., 2007, 52(6), 561-567

Key words: thermal decomposition; 2, 4 - dinitrophenylhydrazine; non-isothermal kinetic analysis; multi - step reaction.

Florentin TACHE and Monica ALBU

Specificity of an analytical HPLC assay method of metformin hydrochloride



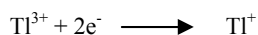
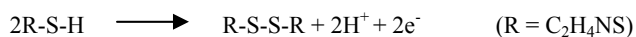
Key words: specificity, selectivity, Metformin, photolysis, photolytic-hydrolysis, acidic/alkaline hydrolysis, oxidation, thermal degradation.

Rev. Roum. Chim., 2007, 52(6), 603-609

J. KARTHIKEYAN, P. PARAMESHWARA, A. NITYANANDA SHETTY and Prakash SHETTY

Thioacetamide as a releasing agent for the complexometric determination of thallium(III) in its synthetic alloys and complexes

Rev. Roum. Chim., 2007, 52(6), 611-615



Key words: EDTA, thallium determination, thioacetamide, complexometric method.