

TABLE OF CONTENTS

Volume 3 Number 4

December 2013

Thermodynamical Approach for Choosing the Carrier System for Tetraantraquinoporphyrazines

N. Lebedeva, E. Malkova, Y. Gubarev, A. V'yugin, A. Borisov.....225

**Synthesis of *N*-Benzyl-3-anilinopropanamides and Cyclization to
4-Hydroxy-4-*N*-benzylamino-1,2,3,4-tetrahydroquinoline**

L. A. Nnamonu, V. C. Agwada, C. A. Nwadinigwe.....229

**A Fluorescence Ratiometric Probe for Cysteine/Homocysteine and Its Application for Living
Cell Imaging**

L. L. Long, L. Wang, Y. J. Wu.....235

**Recyclable Cyclohexanediamine Derivatives as Organocatalysts: Organocatalytic Reduction with
Trichlorosilane and Aldol Reaction**

Y. Tanimura, K. Ishimaru.....240

**Synthesis of Multifunctionalised 2-Substituted Benzimidazoles Using Copper (II) Hydroxide
as Efficient Solid Catalyst**

M. A. Chari, Zaied-A-Mosaa, D. Shobha, S. Malayalama.....243

New Method of Palladium Metal Trapping through Resins in Antiviral Drug: Valacyclovir HCl

K. N. K. Reddy, M. A. Chari, M. D. Khunt, V. V. N. K. V. Prasada Raju, B. R. Reddy, V. Himabindu, G. M. Reddy.....251

Synthesis of a Fluorophore with Improved Optical Brightness

M. Okuom, M. Wilson, J. Groathouse, J. Lee, D. Symonsbergen, C. Gustafson, M. Trauernicht, H. Barcena, C. Reicks,
S. Sikich, R. Burks, A. Holmes.....256

**Development of Impedimetric Biosensor for Total Cholesterol Estimation Based on Polypyrrole
and Platinum Nanoparticle Multi Layer Nanocomposite**

K. Singh, R. Chauhan, P. R. Solanki, T. Basu.....262

**Solvent-Free Synthesis of 5-Alkenyl-2,2-butylidene-1,3-dioxane-4,6-diones under Ultrasonic
Irradiation with *o*-Phthalimide-*N*-Sulfonic Acid as Catalyst**

C. H. Lin, Z. H. Xu, W. L. Liao.....275

The figure on the front cover is from the article published in *International Journal of Organic Chemistry*, 2013, Vol. 3, No. 4, pp. 235-239 by Lingliang Long, Lin Wang and Yanjun Wu.