

DR. KHALID MOHAMMED KHAN*Associate Professor***H.E.J. Research Institute of Chemistry, International Center for Chemical Sciences,
University of Karachi, Karachi-75270, Pakistan**

1. A Facile and Improved Synthesis of Sildenafil (Viagra[®]) Analogs Through Solid Support Microwave Irradiation Possessing Tyrosinase Inhibitory Potential, Their Conformational Analysis and Molecular Dynamics Simulation Studies, **K. M. Khan**, G. M. Maharvi, M. T. H. Khan, S. Perveen, M. I. Choudhary and Atta-ur-Rahman, *Molecular Diversity*, **2005**, *9*, 15-26.
2. Cesium Fluoride-Celite: A Solid Base for Efficient Syntheses of Aromatic Esters and Ethers, S. T. A. Shah, **K. M. Khan**, H. Hussain, M. U. Anwar, M. Fecker and W. Voelter, *Tetrahedron*, **2005**, *61*, 6652-6656.
3. Kinetics of Novel Competitive Inhibitors of Urease Enzymes by a Focused Library of Oxadiazoles/Thiadiazoles and Triazoles, Z. Amtul, M. Rasheed, M. I. Choudhary, S. Rosanna, **K. M. Khan** and Atta-ur-Rahman, *Biochemical and Biophysical Research Communications*, **2004**, *319*, 1053-1063.
4. Sodium Hydride/Hexamethylphosphoric Triamide: A New Efficient Reagent Towards the Synthesis of Protected 1,2- and 5,6-Enopyranosides, **K. M. Khan**, S. Perveen, S. T. A. Shah, M. S. Shekhani and W. Voelter, *New Journal of Chemistry*, **2001**, 896-898.
5. Pyridinium Ions Adjacent to Oxirane Ring: Useful Intermediates for the Stereospecific Synthesis of β -Hydroxy Ketones, Y. Alabed, N. Naz, **K. M. Khan** and W. Voelter, *Angewandte Chemie Int. Eng. Ed.*, **1996**, *35*, 523-524.