

### List of Publications

1. (2-*tert*-Butyl-3-phenyl-2,3-dihydroisoxazole-4,5-diyl)bis-(phenyl methanone), **R. Sandhya**, M. Sithambaresan, S. Prathapan and M. R. P. Kurup, *Acta Cryst.*(2013).E**69**, o1284.
2. 1,3-Dipolar Cycloadditions: Mechanism revisited. Rappai, J. P.; **Sandhya, R.**; Rakesh, N.; Prathapan, S.; Unnikrishnan, P. A. *Tetrahedron Lett.* (under preparation).
3. Atom Efficient Synthesis of Highly Substituted Quinolines. **Sandhya, R.**; Rappai, J. P.; Rakesh, N.; Prathapan, S.; Unnikrishnan, P. A. *Org. Lett.* (under preparation).
4. (2-benzyl-3-(naphthalen-1-yl)-2,3-dihydroisoxazole-4,5-diyl)bis-(phenylmethanone), **R. Sandhya**, M. Sithambaresan, and M. R. P. Kurup, *Acta Cryst.*, Section **E** (under preparation).

### Posters in Conferences

1. 1,3-Dipolar Cycloaddition Leading to Isoxazoline, **Sandhya, R.**; Rakesh, N.; Prathapan, S. *International Conference on Materials for the new Millennium, MatCon 2010.*
2. Novel Cycloaddition Reaction Between Nitrene and Electron Deficient Acetylenes, **Sandhya, R.**; Unnikrishnan, P. A.; Prathapan, S. *Current Trends in Chemistry, CTriC 2012.*
3. Rearrangement and Cyclization of Isoxazoline to Some Biologically Active Compounds, **Sandhya, R.**; John, P. R.; Unnikrishnan, P. A.; Prathapan, S. *Current Trends in Chemistry, CTriC 2013.*