

International Conference on
Organic and Inorganic Chemistry

8th World Congress on
Green Chemistry and Technology
February 18-19, 2019 | Paris, France

Greener protocols for synthesis of biological and pharmaceutical compounds

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β -amino alcohols and its derivatives are the versatile intermediates for synthesis of biologically active natural compounds. For ring opening of epoxides, several groups have been used various type of catalyst like Lewis acids, metal salts, lanthanide halides, triflates, boranes, heterogeneous catalysis, ionic liquids and alumina. But we have synthesized these derivatives by synthesis of new type of epoxides by using this

below mentioned synthetic route where ACC juice has been used. Again, we are interested to synthesize bisheterocyclic and pyran annulated heterocyclic scaffolds which have also biological and pharmaceutical applications, synthesised using waste material.

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