very clean and no by-products are formed. All the synthesized imidazoles have been characterized on the basis of elemental and spectral studies. We believe that this procedure is convenient, economic, and a user-friendly process for the synthesis of trisubstituted imidazoles of biological and medicinal importance.

4. Conclusions

We have been able to introduce an efficient and environmentally friendly approach for the synthesis of biologically active trisubstituted imidazoles via condensation of benzil or benzoin with various aromatic aldehydes and ammonium acetate using the nano SiO_2-supported FHS as catalyst. High yields, easy work-up, purification of compounds by non-chromatographic method (crystallization only) and the reusability of the catalyst are the key advantages of this method.

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