

Conclusions

A variety of novel isatin derivatives were synthesized by using environmentally benign methods such as solvent free organic synthesis, microwave assisted organic synthesis, ball milling etc by using different catalysts.

Synthetic methodologies developed for the synthesis of isatin derivatives has many advantages such as high yield, mild reaction conditions and the products can be isolated very easily without the use of column chromatography. The simplicity of the presented protocols makes it an interesting alternative to other approaches.

Synthesized isatin derivatives can be attractive entities for biological investigations.