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Facile synthesis of some triazine based chalcones as potential antioxidant and anti-diabetic agents**R S Shinde¹** and **S D Salunke²**¹Dayanand Science College, India²Rajarshi Shahu Mahavidyalaya, Latur, India

A series of s-triazine based chalcones have been prepared by the Claisen-Schmidt condensation. Chalcones have characteristic 1, 3-diaryl-2-propen-1-one backbone skeleton. Changes in their aryl rings provide accessibility of a high degree of variety that has proven useful for the development of new medicinal agents with improved potency and lesser toxicity. A convenient method for the synthesis of biologically active triazine based chalcones using triazine ketone and substituted benzaldehyde in dry methanol has been done. The structures of the compounds were confirmed by spectral data (IR, ¹H NMR and mass spectroscopy). The synthesized compounds were studied for their antioxidant and anti-diabetic activity

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