

CHALCONES (STRUCTURE AND IMPORTANCE): AREVIEW

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ABSTRACT

Chalcone have conjugated double chains using complete delocalization as well as two aromatic rings which have an pi-electron platform that provides them comparatively less redox possible as well as a better probability of getting electron transport reactions. Chalcones were obviously lavish in consumable crops, such as vegetables, fruits, spices, tea as well as organic foodstuffs. Chalcones may be made as precursors for both flavonoids as well as isoflavonoids. The bielelectrophilic character of the chalcone structure is used as an intermediate to prepare some heterocyclic rings such as pyrazolines, isoxazoline, pyrimidine, thiazine, oxazine, and avones that are therapeutics. They react through a cyclocondensation reaction with binucleophiles. Therefore, synthesis is important to chemists for the discovery of new drugs, both organic and medicinal.

KEYWORDS: *Chalcones, Claisen-Schmidt Condensation*