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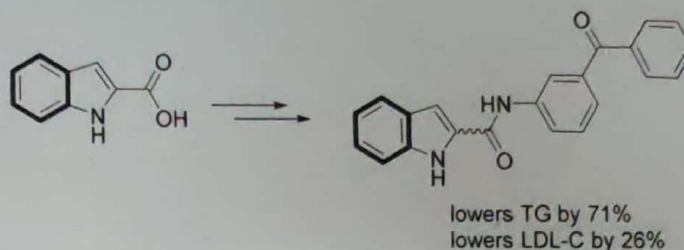
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- 587 Synthesis, molecular docking and evaluation of hypolipidemic activities of novel benzophenone carboxamide derivatives

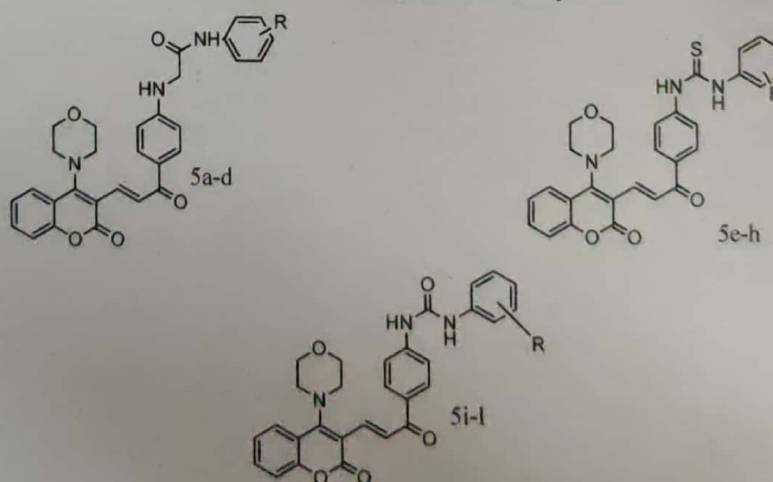


Manal Al-Najdawi, Bilal Al-Jaidi*, Qosay Al-Balas, Haifa'a Odetallah, Tariq Al-Qirim, Ghassan Shattat & Yusuf Al-Hiari

Department of Pharmaceutical Sciences, Faculty of Pharmacy, Philadelphia University, Amman 19392, Jordan

- 594 Synthesis and antibacterial activity of novel coumarin-chalcone hybrids

Coumarin-chalcone hybrids have been synthesized with the aim of evaluating their antimicrobial properties. The structural variations have been selected by introducing various amines at chloro acetyl group as well as various isothiocyanate and isocyanate at amine group. All the newly synthesized compounds have been screened for *in vitro* antimicrobial and antimycobacterial activity



Hemanshu T Tandel*, Kishor H Chikhaliya & Saurabh K Patel

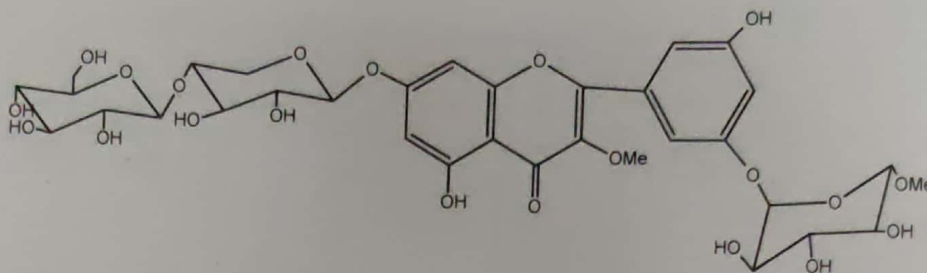
Department of Chemistry, University Campus, Udhna-Magdalla Road, Surat 395 007, India

- 603 **Theoretical study of the sigmatropic rearrangement of cycloprop-2-en-1-ol and its fluorine derivatives: Pericyclic or pseudopericyclic character from NICS and LLPE**

Sangeetha A*, Thaminum Asari, Jebakumar Jeevanandam & Jayaprakash S

Department of Chemistry, Government Thirumagal Mills College, Gudiyattam, Vellore District, India

- 609 **Antioxidant activity of new allelochemical isolated from *Lagascea mollis* Cav.**



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