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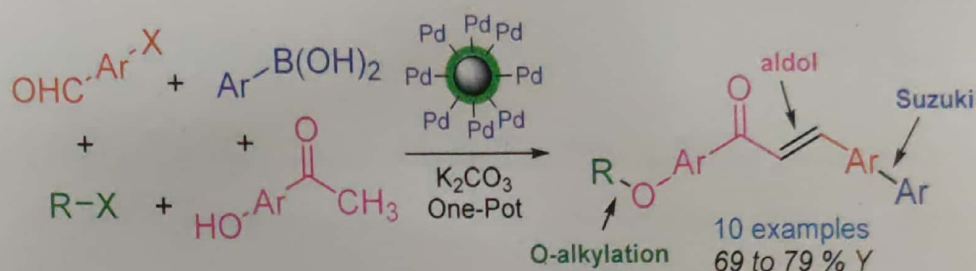
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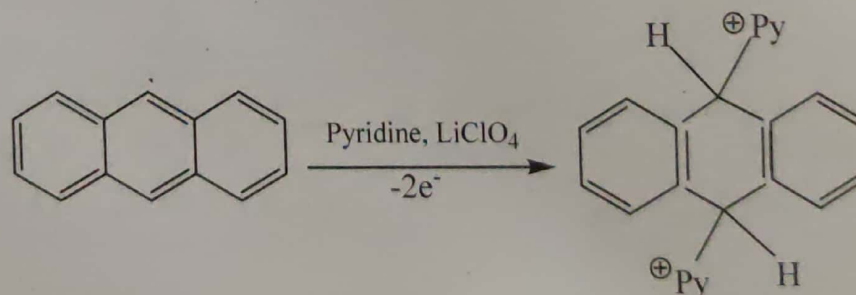
- 1233 **Celite-polyaniline supported palladium as catalyst for one-pot Suzuki-aldol-O-alkylation reaction** Palladium is anchored on the heterogenized PANI on celite. It is characterized and used as catalyst for one-pot reactions to synthesize derivatives of chalcones. The heterogeneous catalyst has been used for one-pot Suzuki-aldol-O-alkylation reactions with good conversions



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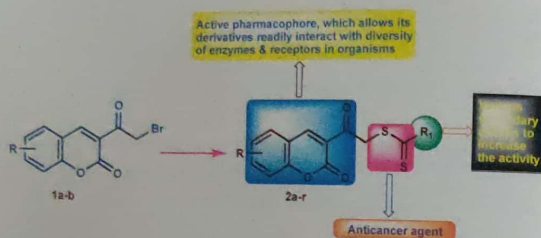
- 1239 **Platinum anode assisted oxidative acetoxylation and pyridination of polynuclear aromatics naphthalene and anthracene**



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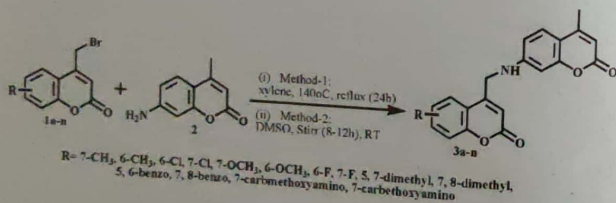
- 1245 Conventional and microwave-assisted synthesis of coumarin-3-yl-2-oxoethyl carbamodithioates and their DNA cleavage studies



K Mahesh Kumar*, Arunkumar M Shirahatti, Sachin P Ambekar, Soumya K, O Kotresh & Masuku C M
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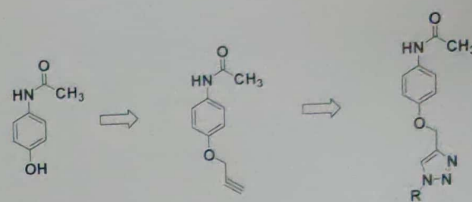
- 1252 Synthesis of 4-[(4-methyl-coumarin-7-ylamino)methyl]-coumarin derivatives

An efficient and simple method has been developed for the synthesis of 4-arylaminoethyl coumarins by the condensation of 7-amino-4-methylcoumarin to 4-bromomethyl-coumarins. The advantages of this procedure are mild reaction conditions, high yields of products, and operational simplicity.



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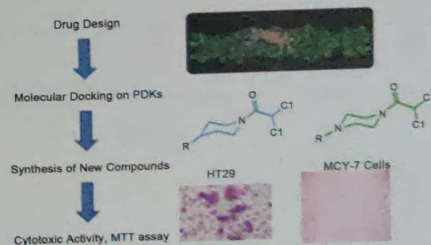
- 1257 Design, synthesis and characterization of novel paracetamol derivatives to target breast cancer



K Ramanjaneyulu*, J Hima Bindhu, Reddy Raghunath Babu, Y Rajendra Prasad, T Umema Naaz, P Hrudaya Ranjani & P N S Gouthami

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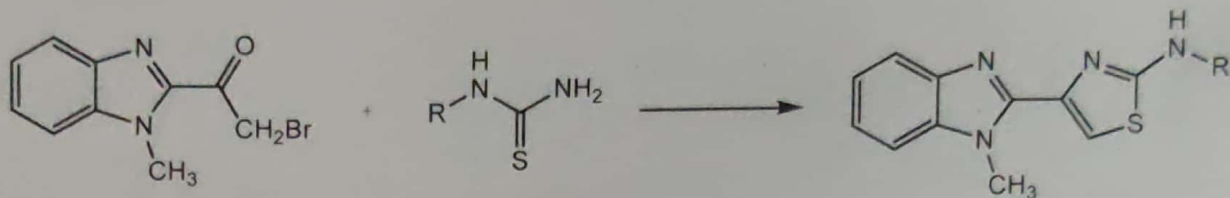
- 1273 Design, synthesis, molecular docking and cytotoxic activity evaluations of novel piperidine and piperazine derivatives of dichloroacetate as potential anticancer agents



Elham Manouchehrizadeh, Azar Mostoufi*, Elham Tabanpesar & Masood Fereidoonhezad
Department of Chemistry, Ahvaz Branch, Islamic Azad University, Ahvaz, Iran

1279 **Synthesis and antioxidant activity of novel benzimidazolyl thiazole derivatives complemented by DFT studies**

A series of novel thiazole derivatives have been synthesized and analysed for their antioxidant activity. There is good correlation with experimental and theoretical observations proving their remarkable antioxidant capacity.



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