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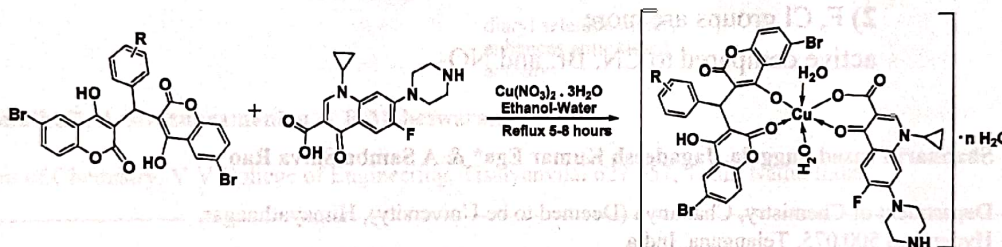
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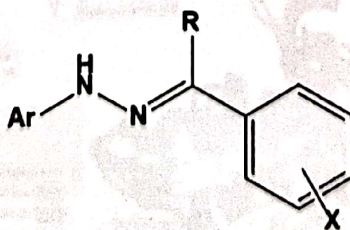


Nikita Prajapati, Poonam Gautam*, Shalini Chaturvedi, Deepika Gautam & Nitya Chawda

Department of Chemistry, Silver Oak Institute of Science, Silver Oak University, Ahmedabad 382 481, , Gujarat, India

- 197 Synthesis, spectral studies and molecular docking analysis of some aryl hydrazone derivatives

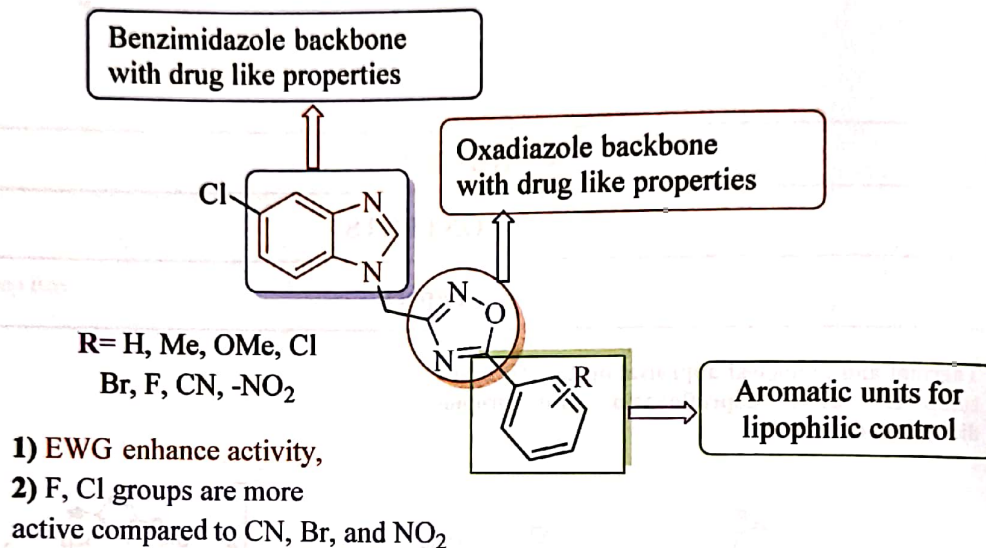
Four series aryl hydrazides have been synthesized by potassium hydrogen phthalate-assisted condensation of hydrazine and substituted benzaldehydes under stirring conditions. The effect of solvents on the yield has been studied. The spectral frequencies have been utilized for the study of spectral correlations. The protein-ligand interaction energy of these hydrazides has been investigated using molecular docking analysis.



R Arulkumaran, K Ranganathan, P Christhuraaj, G Thirunarayanan, I Muthuvel, V Mala, Amanullah Fatehmulla, Krishnakumar Balu, Young-Ho Ahn* & V Manikandan*

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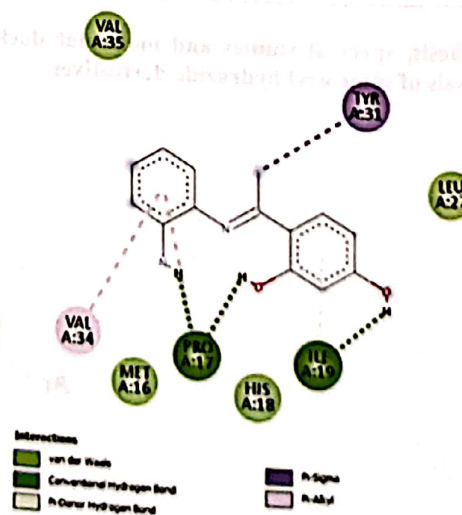
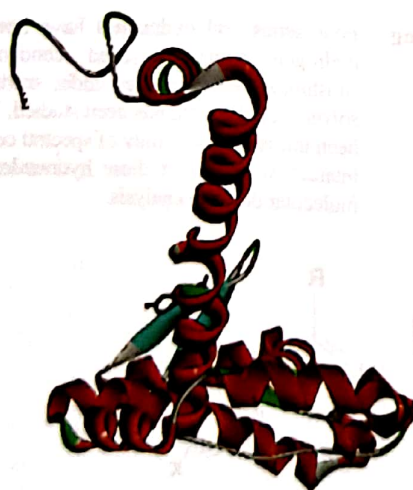
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Shabhari Prasad Suggala, Jagadeesh Kumar Ega* & A Samba Shiva Rao

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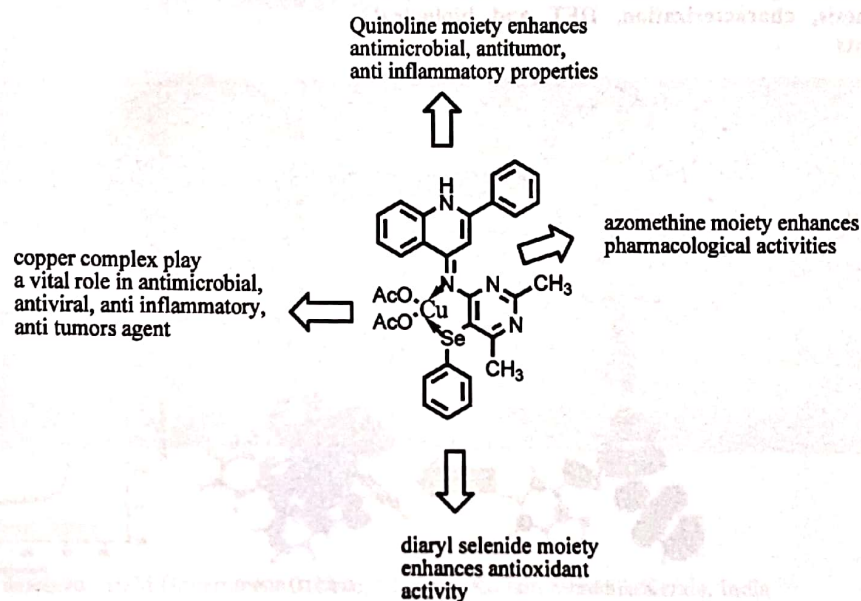
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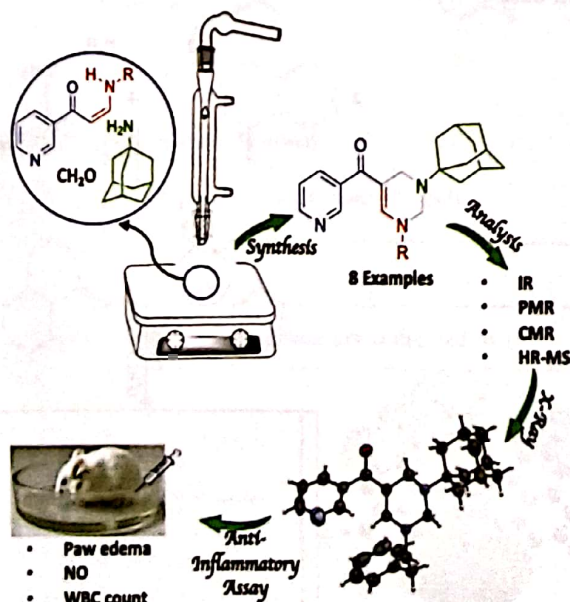
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Department of Chemistry, V V College of Engineering, Tisaiyanvilai 627 657, Tamil Nadu, India

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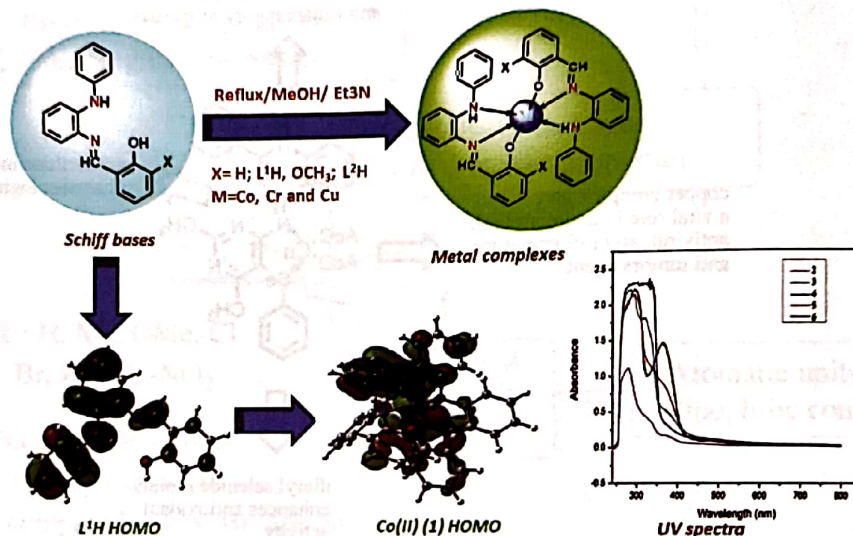


Facile, Novel Molecular Hybrids, Potential Anti-inflammatory Activity

Utpalparna Kalita, Ariyana Sabana Islam, Ibadahun Kharmalki, Ritisha Pariong, Tara Rangrime A Sangma, Labet Bankynmaw Marpna, Shunan Kaping*, Arnab Sen & Jai Narain Vishwakarma*

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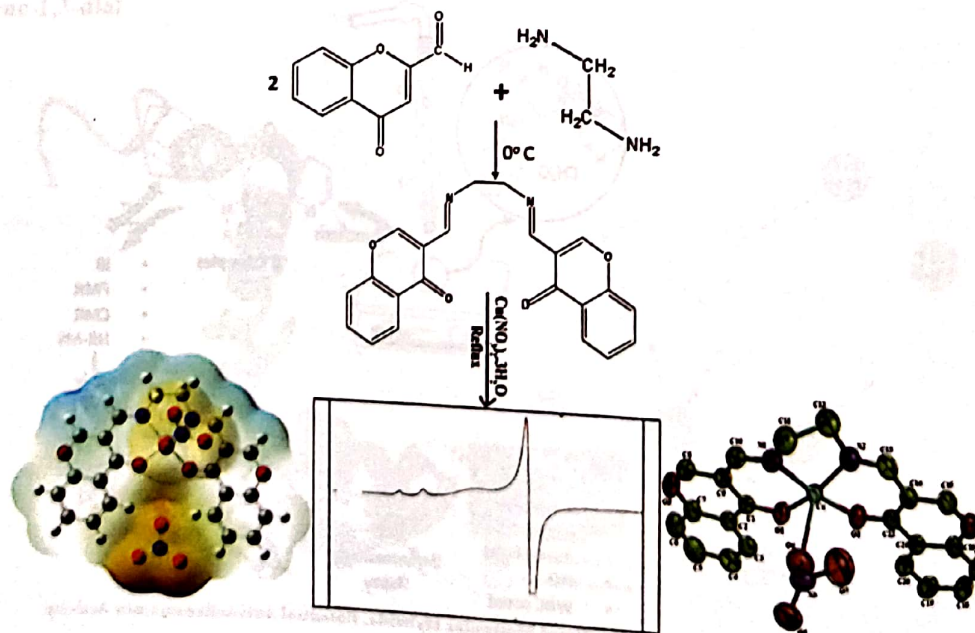
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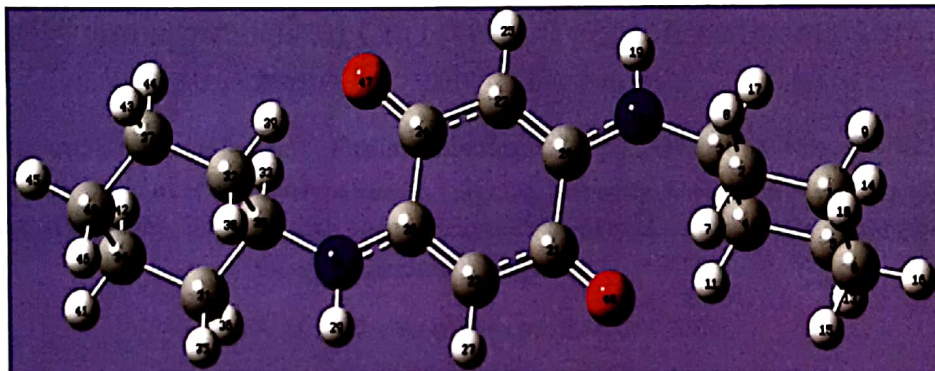
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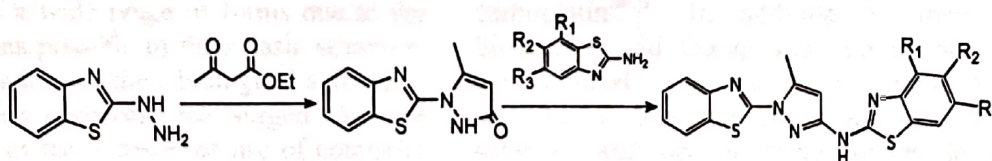
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