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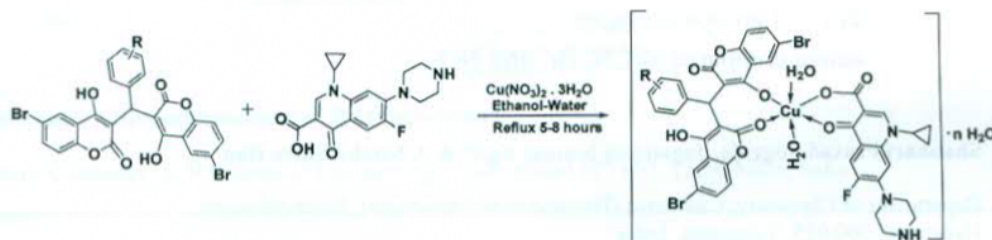
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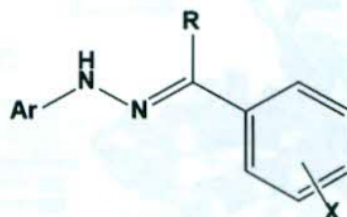


Nikita Prajapati, Poonam Gautam*, Shalini Chaturvedi, Deepika Gautam & Nitya Chawda

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

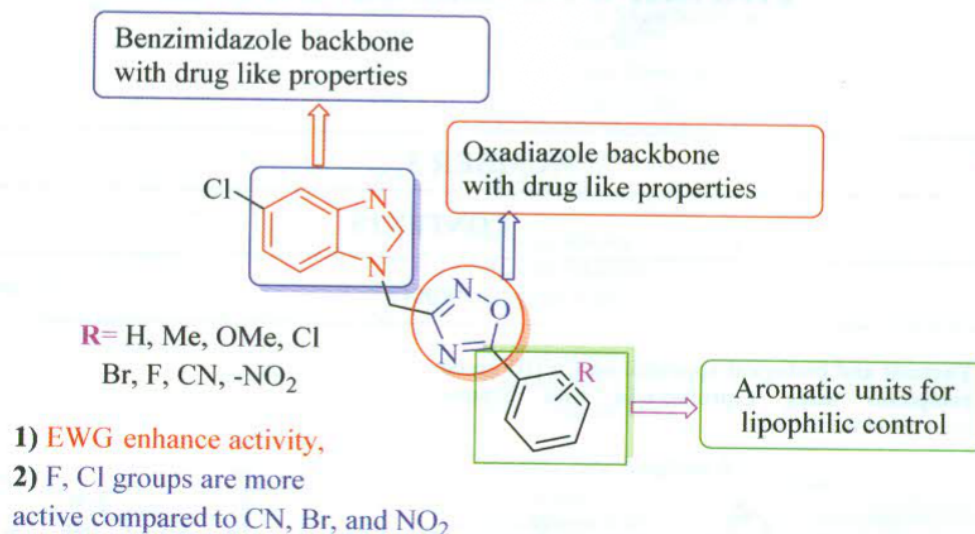
Four series aryl hydrazides have been synthesized by potassium hydrogen phthalate-assisted condensation of hydrazine and substituted benzaldehydes under stirring conditions. The effect of solvents on the yield has been studied. The spectral frequencies have been utilized for the study of spectral correlations.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



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

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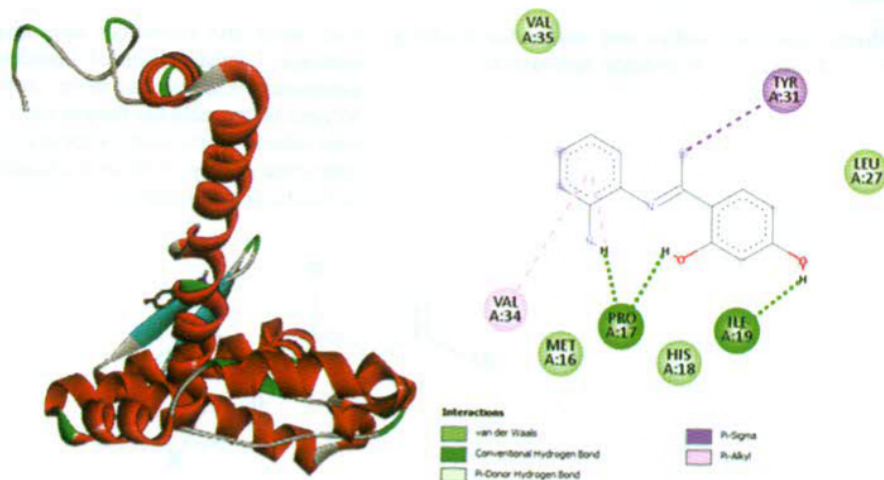
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Shabhari Prasad Suggala, Jagadeesh Kumar Ega* & A Samba Shiva Rao

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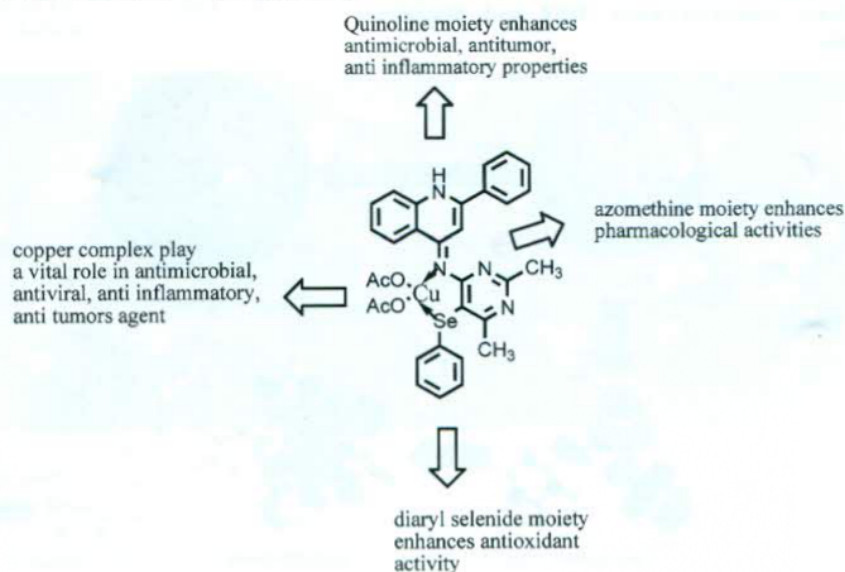
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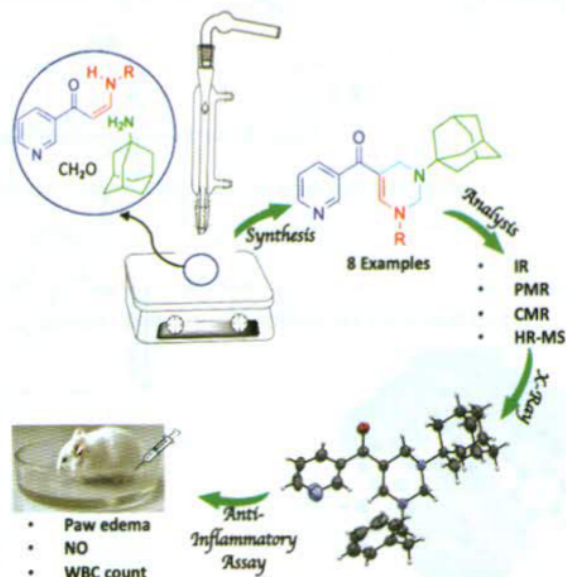
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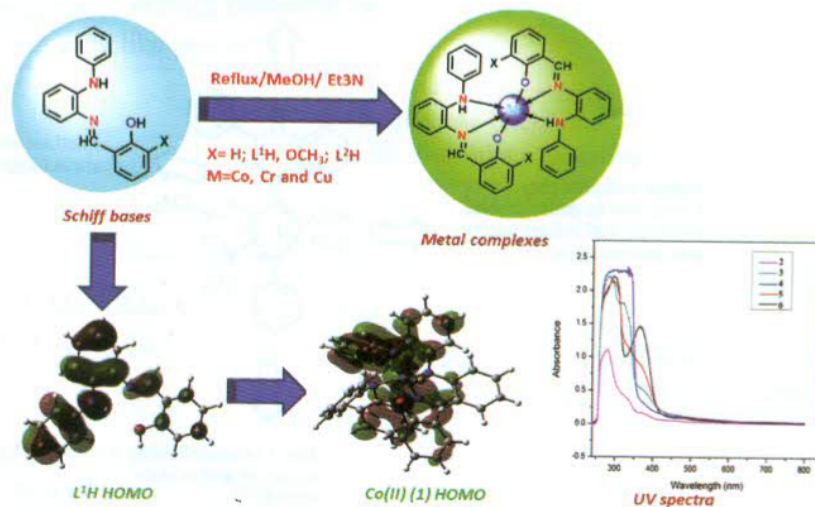


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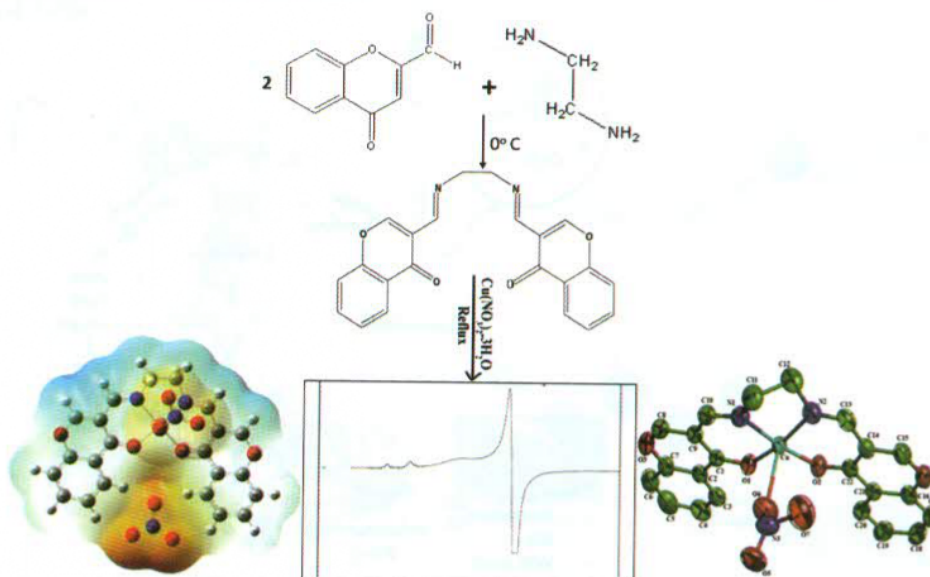
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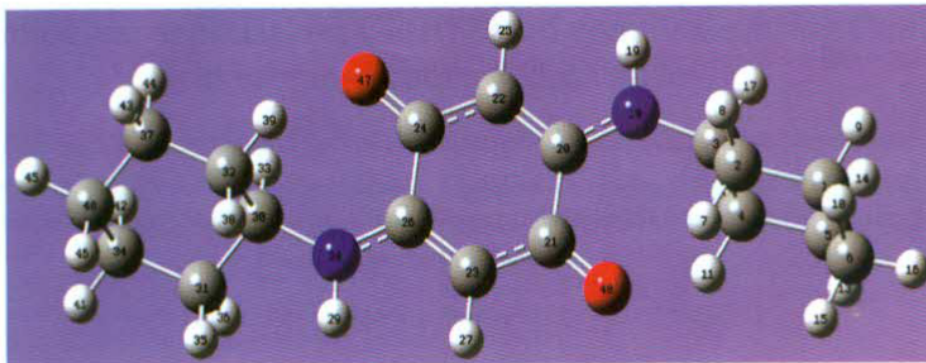
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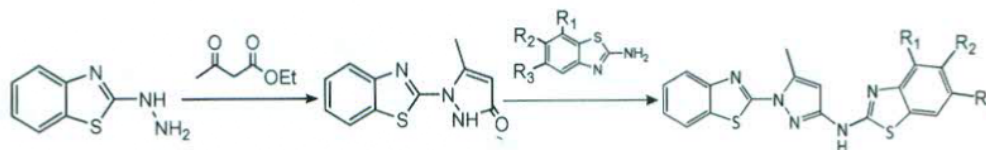
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A Asha* & Antony Bruz

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