

Sir,

I am working as a Lecturer, Chemistry Department, G.N.D.U., Amritsar. I have done my Ph.D. from Guru Nanak Dev University Amritsar. During my Ph.D. I have synthesized some uracil derivatives bearing functionalities of biological significance for which straightforward approaches are not available in literature. I have also been able to develop synthetic methodologies for the synthesis of 5-substituted uracil derivatives. For achieving these objectives I have studied the reactions of 5-Formyluracil derivatives with enamines derived from ammonia and secondary amines under acidic conditions, with enols under neutral conditions, with carbanions derived from carbon acids at low temperature under basic conditions. For the characterization of these compounds spectroscopic techniques like ^1H (2D), ^{13}C NMR, IR, Mass, UV, HPLC and GC, Etc. have been used.

I have also worked as a Post-doctoral Fellow at the university of Alcala, Alcala de Henares, Madrid, Spain. During my stay in Spain I have synthesized coumarins by cathodic reduction of carbon-chlorine bonds. I have also been able to synthesize new heterocyclic compounds by a simple methodology.

Now-a-days I am synthesizing Pyrimidine based NNRI (Non nucleoside reverse transcriptase inhibitors). I am offering myself for an organic chemist position in your university. I assure you, if given a chance, I will do my best to come upto your expectations. Hoping to hear from you soon.

Thanking you

Sincerely Yours

Dolly Singg Ph.D.
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Work Eligibility: No, I am not currently in possession of a US work permit.