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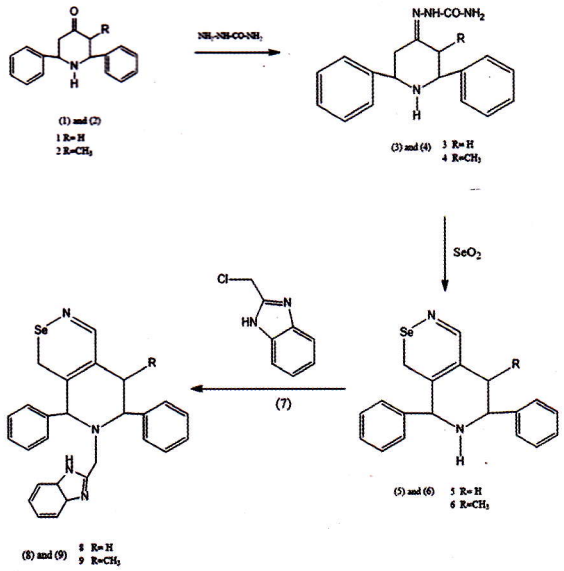
CONTENTS

Papers



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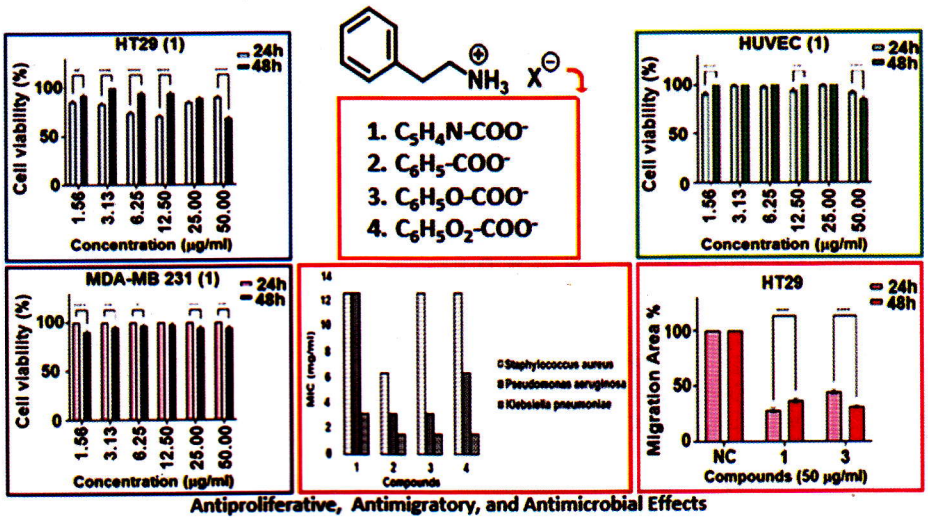
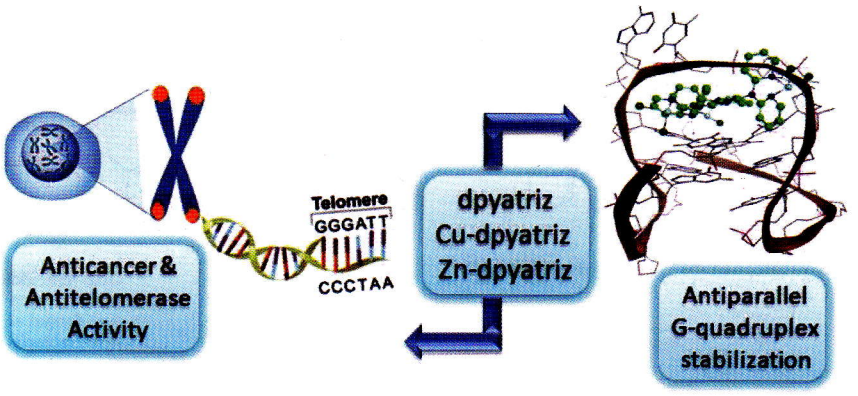


Hüseyin Akbaş*, Seçil Erden Tayhan & Sema Bilgin

Tokat Gaziosmanpaşa University, Science and Arts Faculty, Department of Chemistry, Tokat, Turkey

Interaction of dpyatriz and Cu/Zn-dpyatriz complexes with human telomere DNA: The role of G-quadruplex formation and its effect on antitumor and antitelomerase activity

The dpyatriz, Cu-dpyatriz and Zn-dypatriz compounds induce and stabilize antiparallel G-quadruplex conformations in telomeric sequences, resulting in efficient antitelomerase and anticancer activity *in vitro*.



Duraisamy Renuga, Palanisamy Uma Maheswari * & K M Meera Sheriffa Begum

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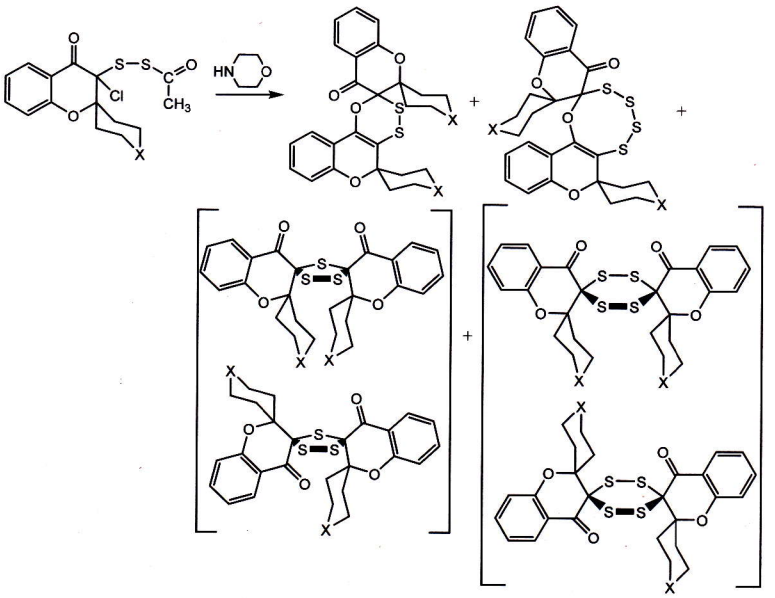
Chemical studies of chromanone-thiadiazole, pyridazine and thiosulfin hybrid

A spiro[chroman-3,2'-[1,3,4]-thiadiazole]-4-one,3', aspiro [chroman-3,2'- piprazine]-4-one, and a mixture of 1,3,4-oxadithiins, 1,3,4,5,6-oxatetrathiocins, 1,2,4-trithiolanes, 1,2,4,5-tetrathiins derivatives were synthesized.



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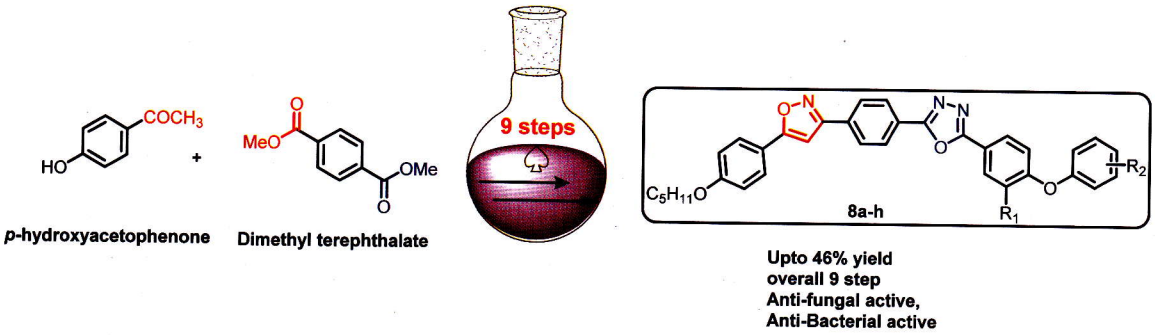

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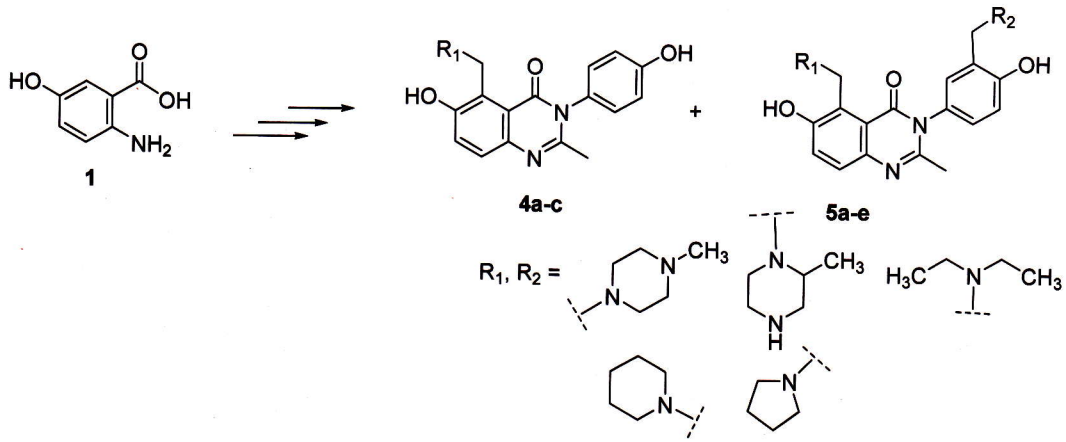

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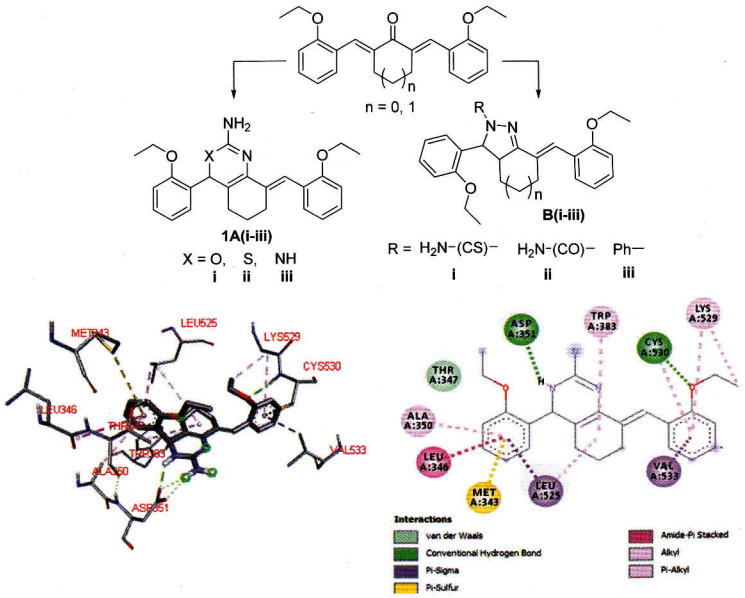

Bazri Izwan Bakar, Mohammad Murwih Alidmat, Melati Khairuddean*, Wan Nuaralia Asyikin Wan Ibrahim, Kwan Wai Mun, Nik Nur Syazni Nik Mohammad Kamal & Musthahimah Muhammad

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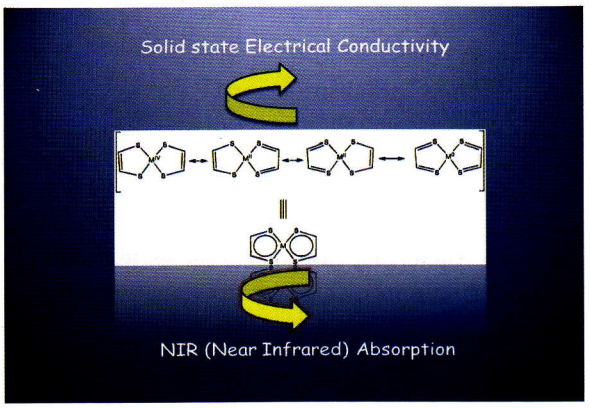

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