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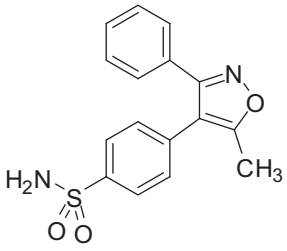
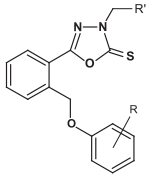
MINI-REVIEW



Valdecoxib

ORIGINAL ARTICLES



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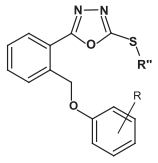
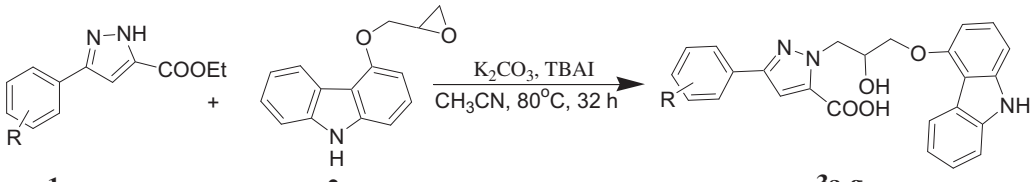
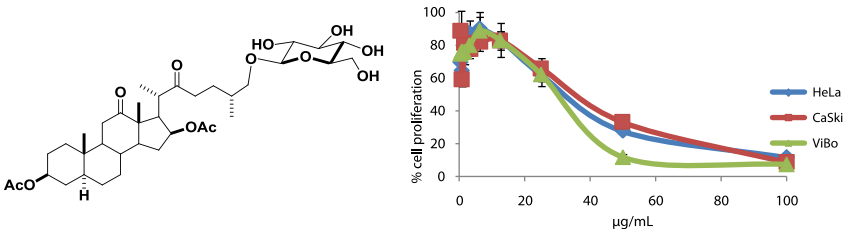


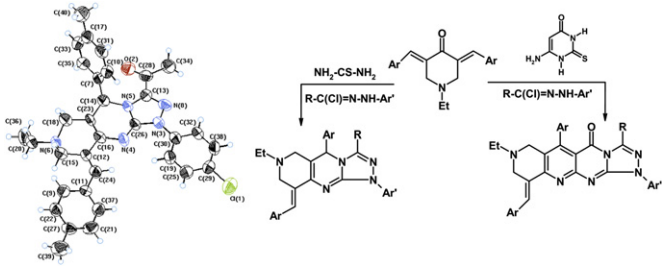
(7)

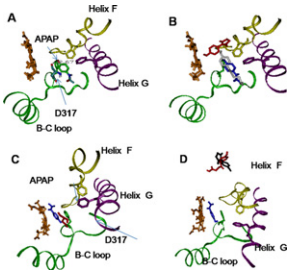
A series of new and novel compound **3a-g** have been synthesized and screened for their cytotoxic activity against SK-N-SH human Neuroblastoma, human A549 lung carcinoma and human breast MCF-7 cancer cell lines.

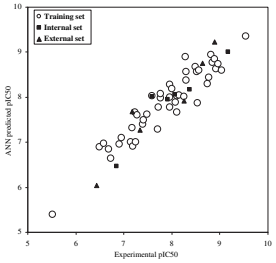


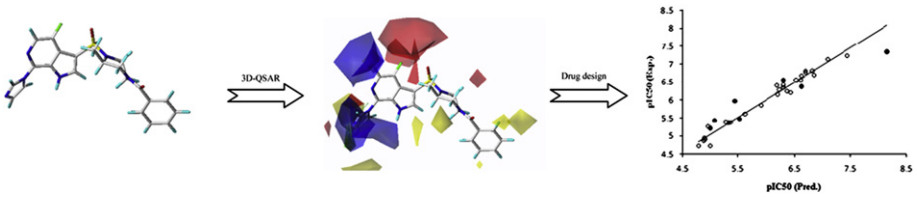
1a-g 2 3a-g

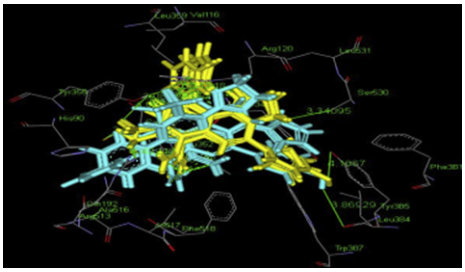


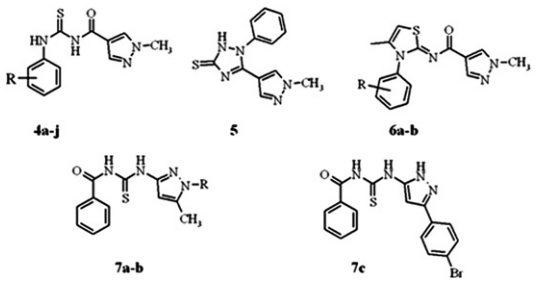


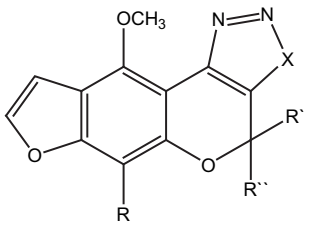




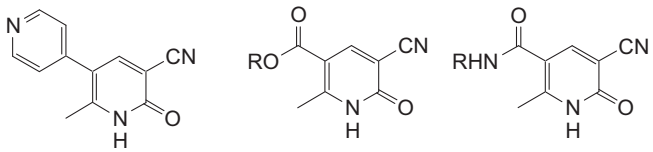




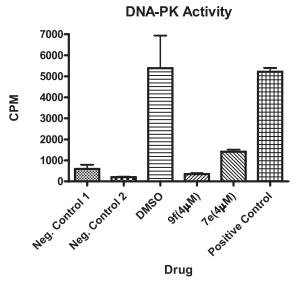


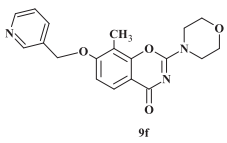


R= H, OCH_3
X= Se, S

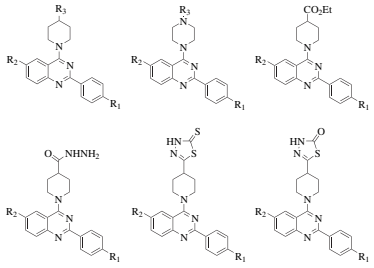


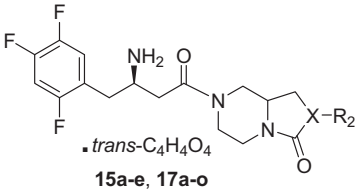
milrinone



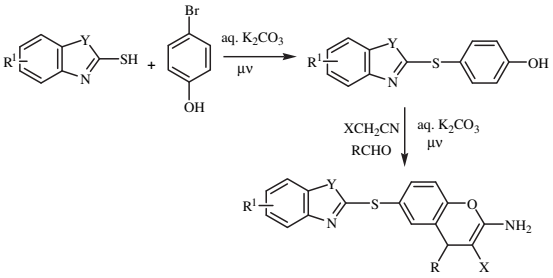


9f

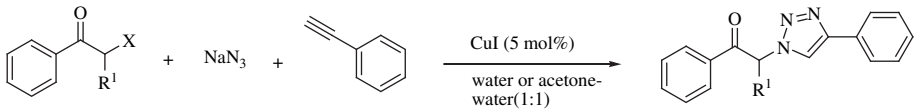




15a-e, **17a-o**



Where R = 4-Cl, 2,4-Cl_2; R_1 = 4-OCH_3, 4-NO_2, 4-Cl, 4-Br, 2,4-Cl_2-5-F



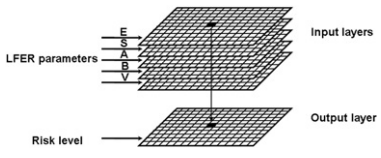
1

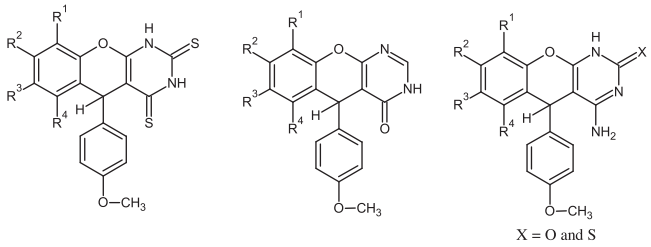
X = Br or OTs

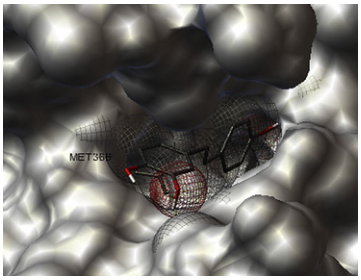
R^1= H, CH_3 or C_2H_5

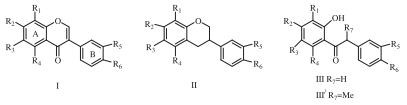
2

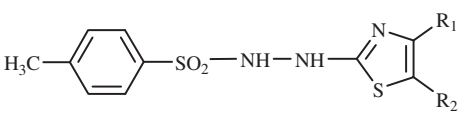
3



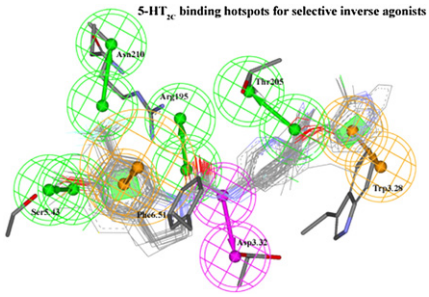


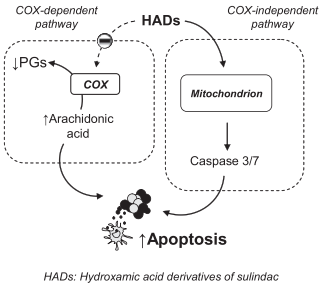




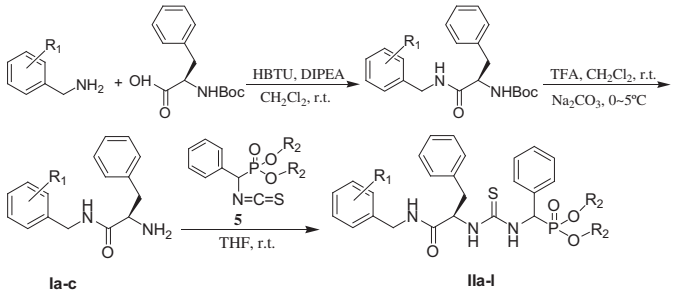


	2a	**2e**
R_1	CH_3	CH_3
R_2	H	$COOC_2H_5$

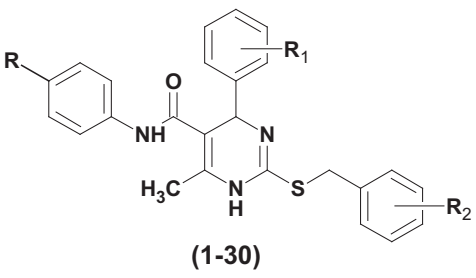


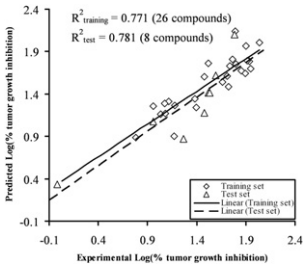


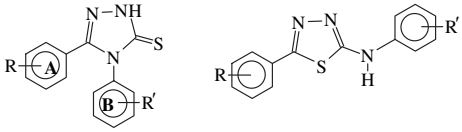
The pseudo-peptide thioureas containing α-aminophosphonate moiety were synthesized from the reaction of chiral α-amino carboxamide derivatives with *O,O′*-dialkyl isothiocyanato(phenyl)methylphosphonate. The compounds were screened for their antitumor activities.

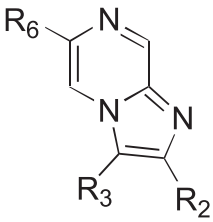


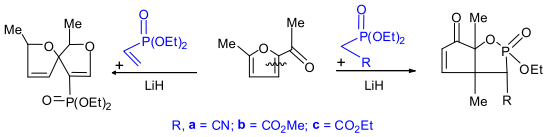
Various substituted 1,4-dihydropyrimidine carboxamides (**1**–**30**) were designed, synthesized and tested for antihypertensive activity and the results obtained were highly significant as compared to the standard drug nifedipine.

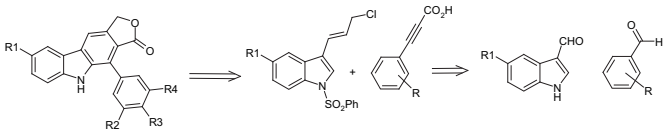


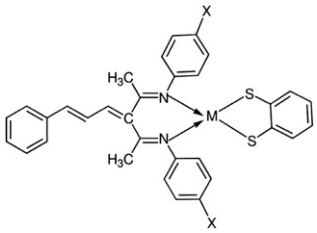


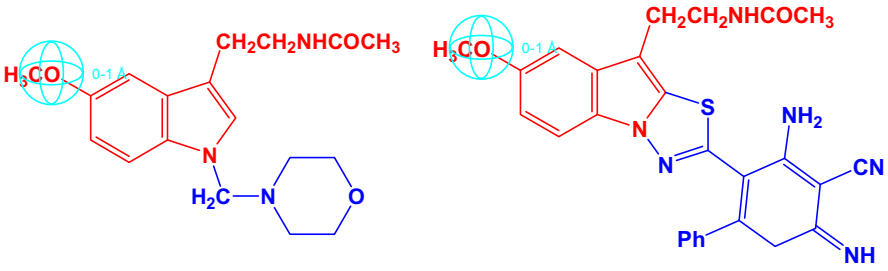


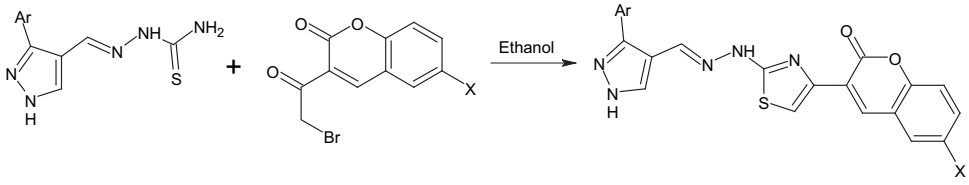












ERRATUM

COVER

Image of Antibacterial activities of urea and thiourea derivatives of 15-membered azalides in comparison to sulfonylurea analogs. 44/9, P3459-3470 by Mirjana Bukvić Krajačić, Predrag Novak, Miljenko Dumić, Mario Cindrić, Hana Čipčić Paljetak and Nedjeljko Kujundžić © 2009 Published by Elsevier Masson SAS

* Corresponding authors.

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