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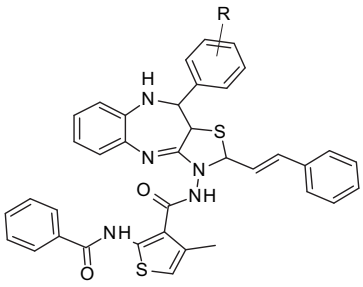
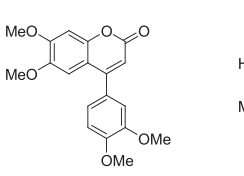
European Journal of Medicinal Chemistry Vol 45, No 3, 2010

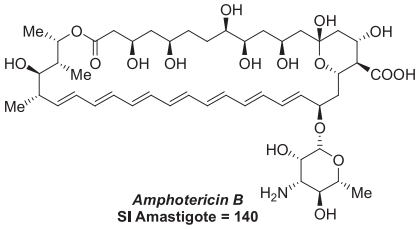
Contents

ORIGINAL ARTICLES

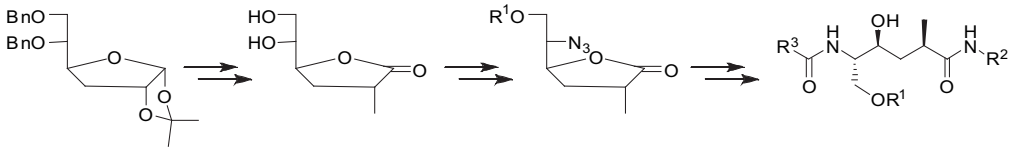


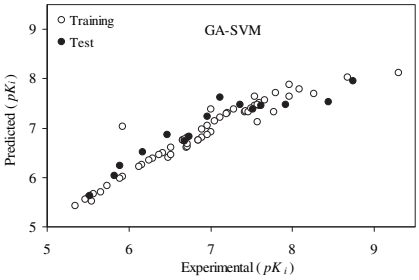


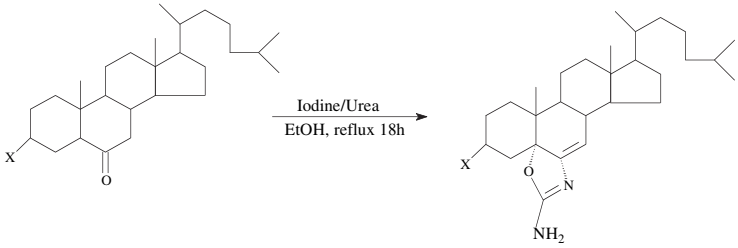
4-(3',4'-Dimethoxyphenyl)-6,7-dimethoxycoumarin
SI Amastigote > 265

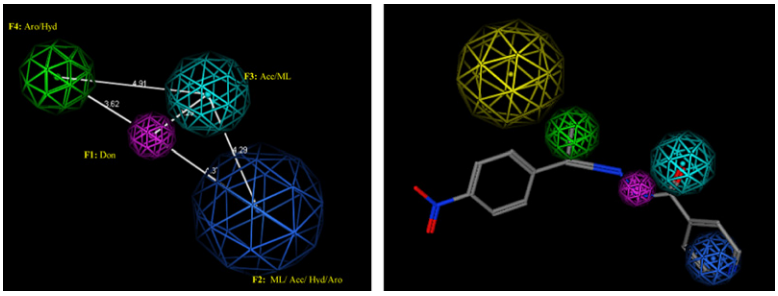


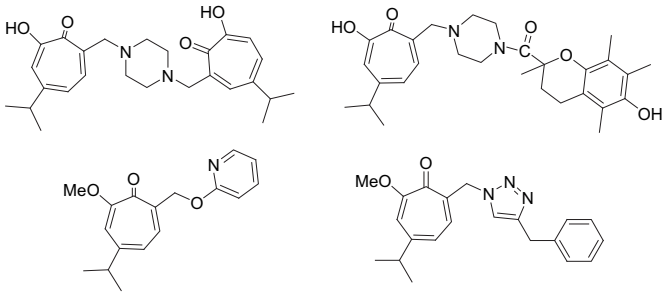
Amphotericin B
SI Amastigote = 140

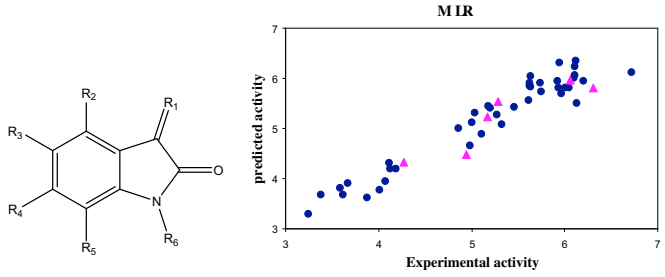


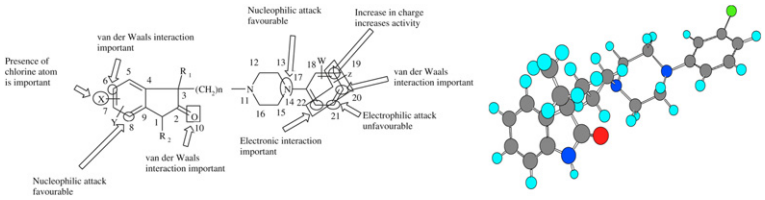


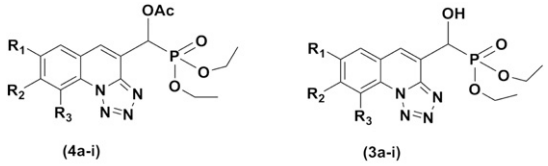




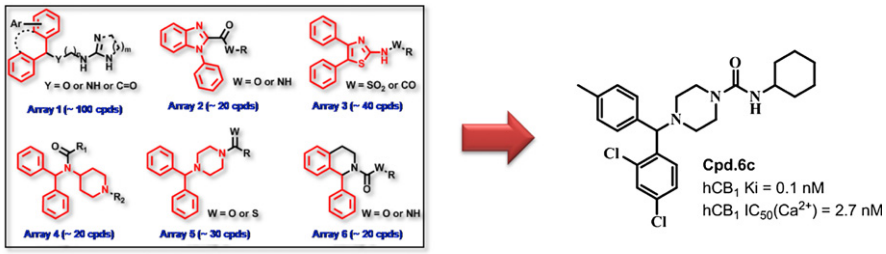




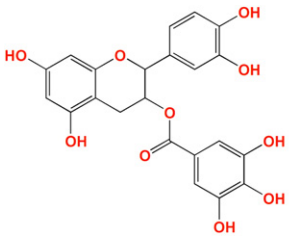




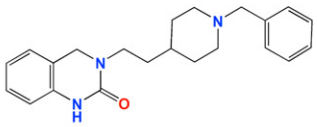
a) $R^1 = R^2 = R^3 = H$; b) $R^2 = R^3 = H$; $R^1 = Me$;
c) $R^1 = R^3 = H$; $R^2 = Me$; d) $R^1 = R^2 = H$; $R^3 = Me$;
e) $R^2 = R^3 = H$; $R^1 = OMe$; f) $R^1 = R^3 = H$; $R^2 = OMe$;
g) $R^1 = R^2 = H$; $R^3 = OMe$; h) $R^2 = R^3 = H$; $R^1 = OEt$;
i) $R^1 = R^2 = H$; $R^3 = Et$.



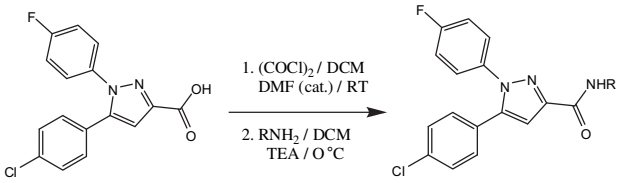
Privileged Structure Based Library (6 arrays, 230 cpds)

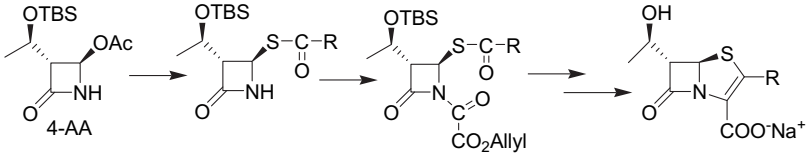


AChE Inhibitor

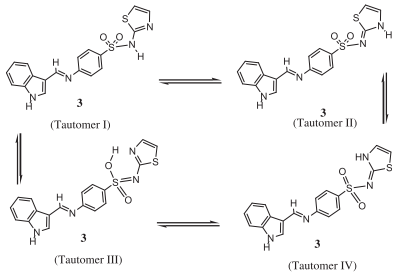


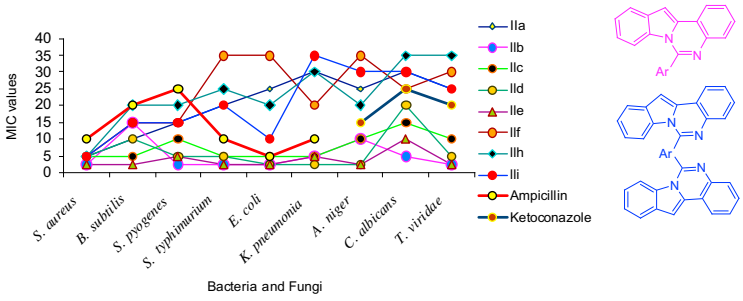
non-AChE Inhibitor

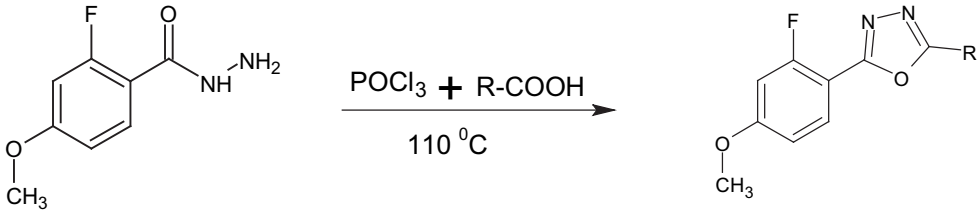


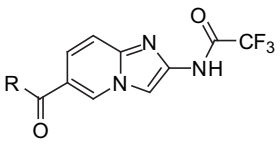


SHORT COMMUNICATIONS

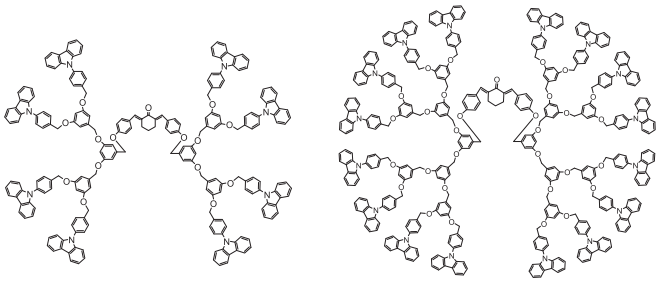








6a R= 3-Fluoro-4-methylphenyl
6b R= 3-Fluoro-4-(trifluoromethyl)phenyl
6c R= 2-Fluoro-5-methylphenyl
6d R= 2-Fluoro-5-(trifluoromethyl)phenyl
6e R= 2-Fluoro-4-(trifluoromethyl)phenyl
11a R= 1-methyl-1*H*-indole-3-yl
11b R= 1-methyl-1*H*-imidazole-2-yl
11c R= 1*H*-imidazole-2-yl



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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