Contents lists available at SciVerse ScienceDirect

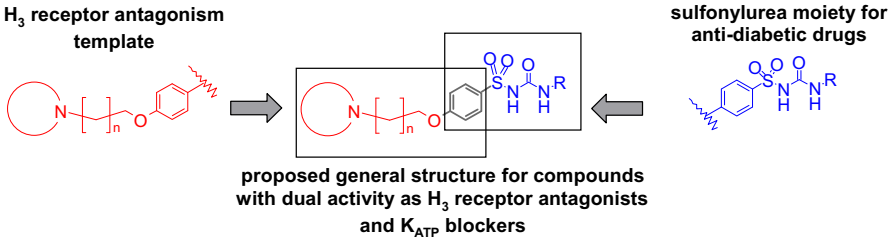
European Journal of Medicinal Chemistry

journal homepage: http://www.elsevier.com/locate/ejmech

European Journal of Medicinal Chemistry Vol 52, 2012

Contents

ORIGINAL ARTICLES



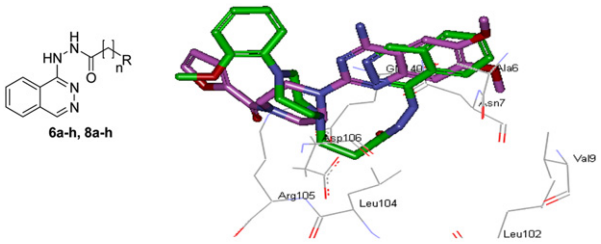
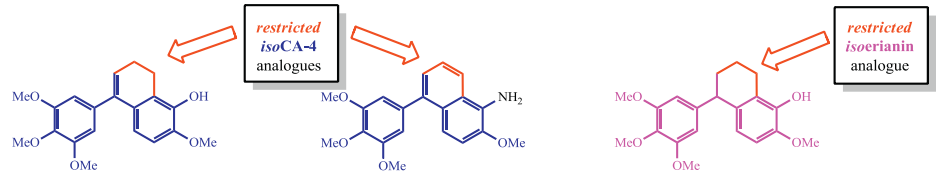
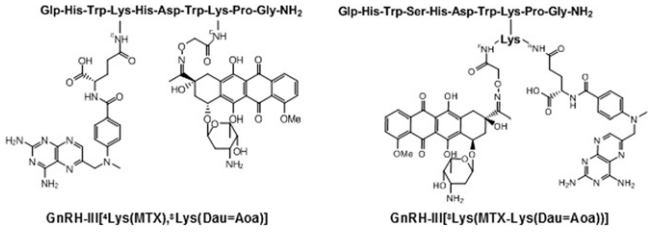
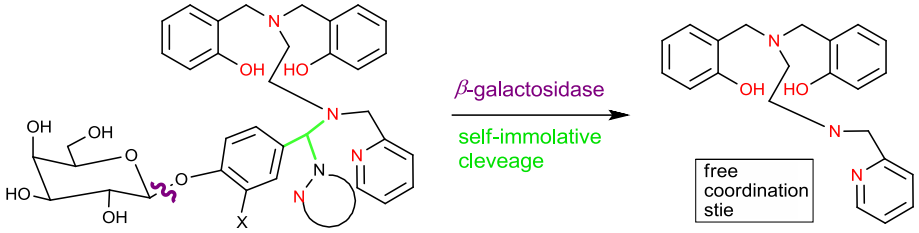
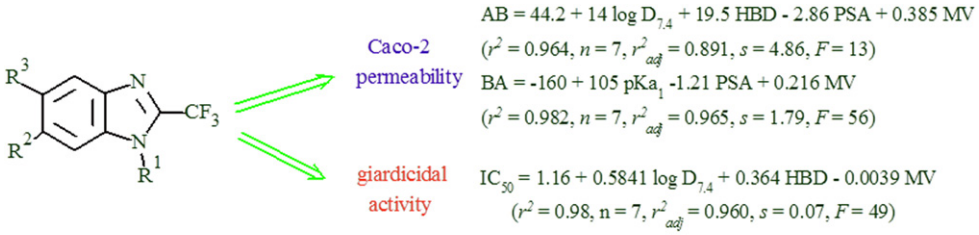


Figure 4.a. Alignment of compound 8d (green) and prazosin (violet) in the binding site of α1-AR homology model.

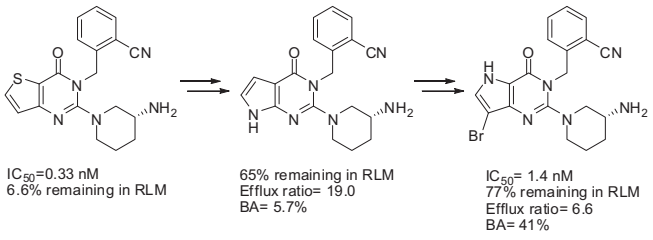


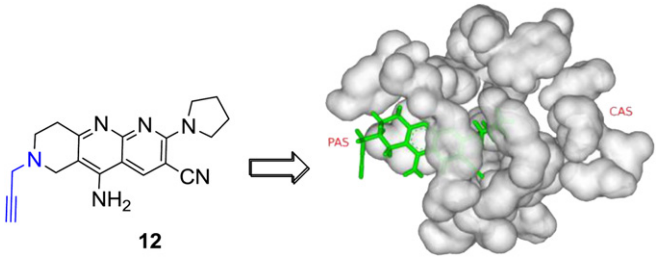




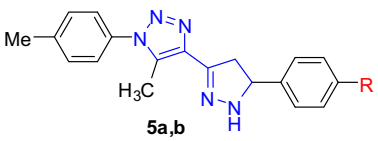


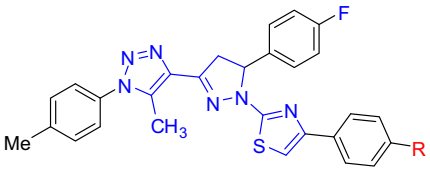
Study of giardicidal activity and Caco-2 permeability relationship of benzimidazole derivatives



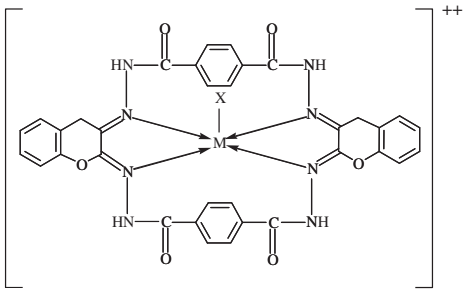


New pyrazolyl-1,2,3-triazoles and 1,2,3-triazol-4-yl-pyrazolylthiazoles, showing excellent antimicrobial activities, were synthesized through multi step reactions using 1-tolylyl-4-acetyl-5-methyl-1,2,3-triazole as a precursor.

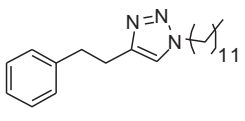




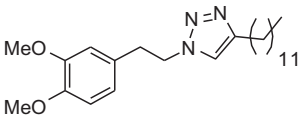
Schiff base M (III) complexes were synthesized and evaluated for antimicrobial activity. Complex **3** $[Cr(C_{34}H_{24}N_8O_6)OAc]OAc_2$ exhibited best antimicrobial activity.



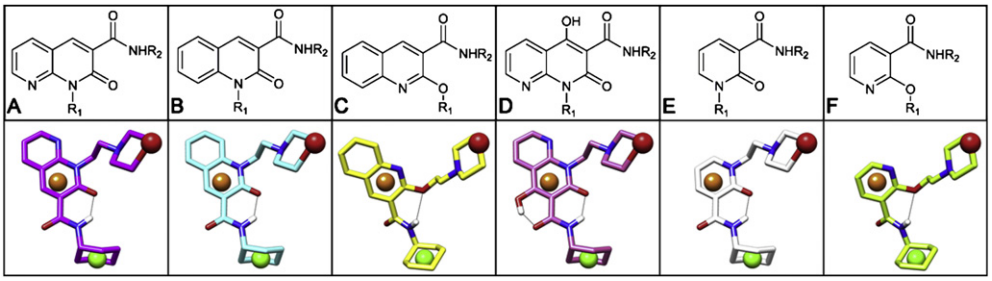
A series of 1,4-disubstituted triazole derivatives were synthetized and evaluated against InhA and *Mycobacterium tuberculosis* $H_{37}R_v$. Two compounds show antimycobacterial activities with MIC values in the low micromolar range.



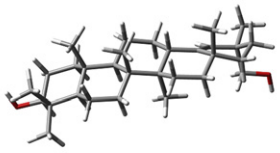
MIC 0.50 µg/mL



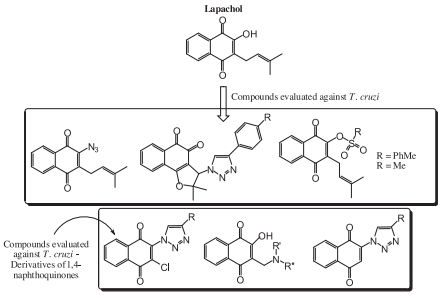
0.25 µg/mL



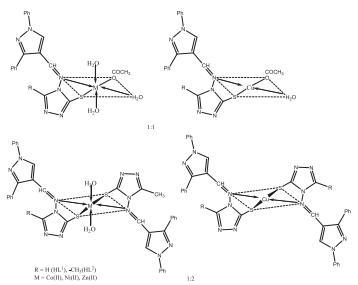
Cassine xylocarpa



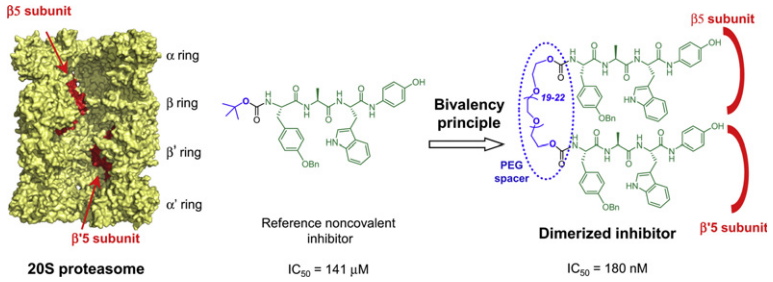
3β,29-dihydroxy-olean-18-ene



SHORT COMMUNICATION



PRELIMINARY COMMUNICATION



COVER

This picture is taken from the review published in: European Journal of Medicinal Chemistry, 2010, Volume 45, Pages 2095-2116. The review is focused on the binding of inhibitors to the catalytic site of histone deacetylase © 2010 Published by Elsevier Masson SAS

* Corresponding authors.

Cited/Abstracted in : Biological Abstracts, Chemical Abstracts, CABS, CNRS/Pascal, Current Contents (Life Sciences), EMbase, Index Medicus/Medline, Science Citation Index. Also covered in the abstract and citation database SciVerse SCOPUS®. Full text available on SciVerse ScienceDirect®.

ISSN 0223-5234

ELSEVIER