ELSEVIER

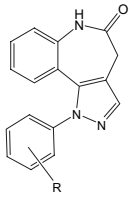
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY

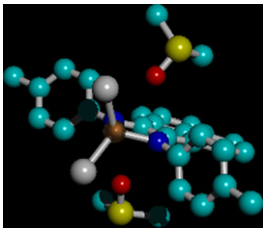
http://www.elsevier.com/locate/ejmech

European Journal of Medicinal Chemistry Vol 42, No 11-12, 2007

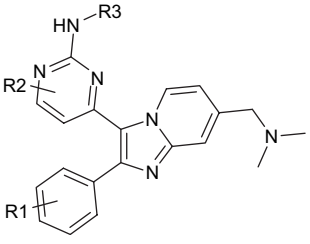
Contents

ORIGINAL ARTICLES





In this study, we present the synthesis and biological activity of imidazo[1,2-*a*]pyridine anticoccidial agents, whose antiparasitic activity against *Eimeria* is due to inhibition of a parasite specific cGMP-dependent protein kinase (PKG). From this series, several compounds showed subnanomolar in vitro activity and commercial levels of in vivo activity. However, the potential genotoxicity of these compounds precludes them from further development.



* Corresponding authors

COVER

a) Views of the CoMFA steric field contour maps for the model VI, the steric field was contoured at 0.075 and −0.075 levels. Compound **36** is superimposed in the map. **b)** Views of the CoMFA electrostatic field contour maps for the model VI, the electrostatic field was contoured at 0.075 and −0.075 levels. Compounds **36** is superimposed in the maps.

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 SCOPUS®. Full text available on ScienceDirect®.

ISSN 0223-5234

ELSEVIER