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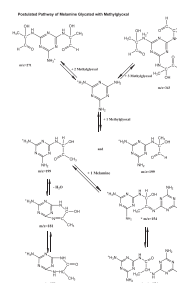
Regular Articles

Non-enzymatic glycation of melamine with sugars and sugar like compounds

pp 1–9

Weixi Liu, Menashi A. Cohenford, Leslie Frost, Champika Seneviratne and Joel A. Dain*

The glycation of melamine with glyoxal, DL-glyceraldehyde and D-galactose as elucidated by mass spectrometry was postulated to proceed via the Amadori pathway in a manner similar to that of methylglyoxal.

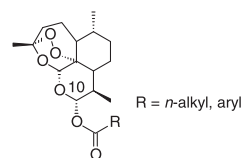


Antimalarial activity of 10-alkyl/aryl esters and -aminoethylethers of artemisinin

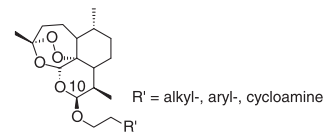
pp 10–16

Theunis T. Cloete, Henk J. Krebs, Julie A. Clark, Michele C. Connelly, Amy Orcutt, Martina S. Sigal, R. Kiplin Guy and David D. N'Da*

A series of 10 α -*n*-alkyl/aryl esters and 10 β -aminoethylethers of artemisinin were synthesized and their *in vitro* antimalarial activity as well as cytotoxicity were determined.



10 α -*n*-alkyl/aryl esters 11–18

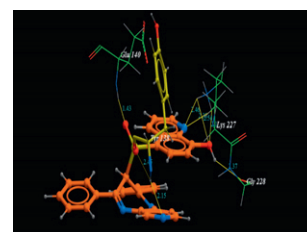
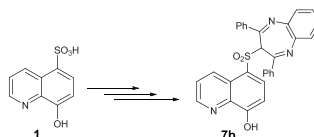


10 β -aminoethylethers 19–29

Design, synthesis, anti-schistosomal activity and molecular docking of novel 8-hydroxyquinoline-5-sulfonyl 1,4-diazepine derivatives

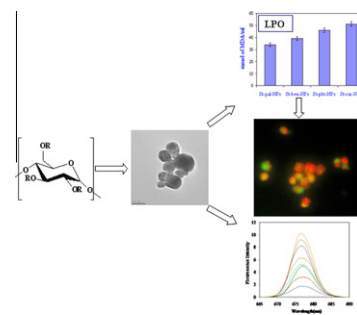
pp 17–25

Ahmad F. Eweas,* Gamal Allam, Abdelaziz S.A. Abuelsaad, Abdul Hamid ALGhamdi and Ibrahim A. Maghrabi



Synthesis and cytotoxicity evaluation of novel acylated starch nanoparticles**pp 26–30**

Sonal Thakore,* Mayur Valodkar, Jigar Y. Soni, Komal Vyas, Rajendrasinh N. Jadeja, Ranjitsinh V. Devkar and Puran Singh Rathore



*Corresponding author