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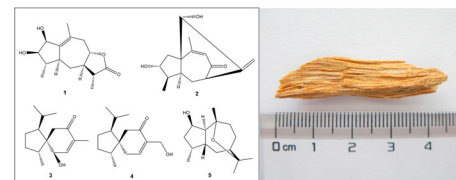
INVITED MINI REVIEWS

New guaiane and acorane sesquiterpenes in high quality agarwood “Qi-Nan” from *Aquilaria sinensis*

pp 94–99

Delan Yang, Jun Wang, Wei Li, Wenhua Dong, Wenli Mei and Haofu Dai

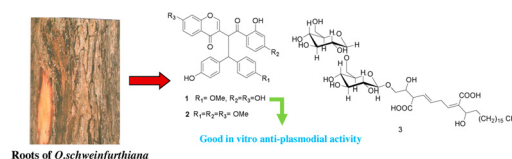
- Three new sesquiterpenes were isolated from agarwood ‘Qi-Nan’ from *A. sinensis*.
- The two isolated sesquiterpenes **3** and **4** contribute to the elegant odor of agarwood ‘Qi-Nan’.
- Sesquiterpenes **1–5** possess acetylcholinesterase inhibitory activities.


Phenolic compounds from the roots of *Ochna schweinfurthiana* and their antioxidant and antiplasmodial activities

pp 119–125

Angélique Nicolas Messi, Joséphine Ngo Mbing, Joseph Thierry Ndongo, Maximilienne Ascension Nyegue, Alembert Tiabou Tchinda, Flora Ladoh Yemeda, Michel Frédéric and Dieudonné Emmanuel Pegnyemb

- Three new compounds namely 4'''-methoxylophirone A (**1**); 4,4'-4'''-trimethoxylophirone A (**2**) and (4E;7Z)-3,8-dicarboxy-1-(O-β-D-glucopyranosyl-(1→6)-O-β-D-glucopyranosyl-2,9-dihydroxyhexeicosa-4,7-diene (**3**) were isolated from the roots of *Ochna schweinfurthiana* along with six known compounds.
- Some of the isolated compounds were evaluated for their antiplasmodial activity against the 3D7chloroquine-sensitive strain of *Plasmodium falciparum* and antioxidant activity was determined.
- Compound **5** showed a prominent radical scavenging ($SC_{50} = 0.17 \mu\text{M}$) and Ferric reducing-antioxidant power activity ($214.32 \mu\text{g EAA/mg dw}$) and **1** showed good *in vitro* anti-plasmodial activity ($IC_{50} = 0.843 \mu\text{M}$).


Potential role of metabolomics in the improvement of research on traditional African medicine

pp 270–277

Emmanuel Quansah and Thomas K. Karikari

- Majority of Africans rely on traditional medicines (TAMs) for treating various diseases.
- However, the limited information regarding their characterization has prevented the clinical use of TAMs on the continent.
- Metabolomics platforms offer a holistic means for the analysis of the components, metabolic pathways and biomarkers modified by TAMs.
- Metabolomics may therefore hold the key to TAMs-driven drug discovery, preventive treatment and personalized medicine in Africa.

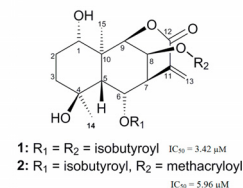


New wedelolides, (9*R*)-eudesman-9,12-olide δ -lactones, from *Wedelia trilobata*

pp 304–309

Toan Phan Duc, Truong Van Nguyen Thien, Akino Jossang, Phi Phung Nguyen Kim, Philippe Grellier, Ginette Jaureguiberry and Quang Ton That

● Two new wedelolides, (9*R*)-eudesman-9,12-olide δ -lactones, were isolated from leaves of *Wedelia trilobata*. ● Their structures were established by the interpretation of spectroscopic data. ● The wedelolides G (1) and H (2) marked antimalarial activity, *in vitro*, with IC_{50} values of 3.42, 5.96 μ M.



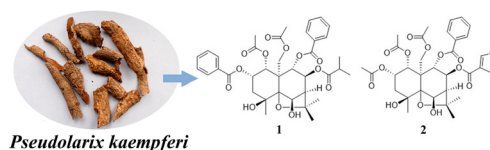
LETTERS

New sesquiterpene polyol esters from the root bark of *Pseudolarix kaempferi*

pp 1–5

Hai-Long Jiang, Wei Ha, Jun-Li Yang and Yan-Ping Shi

● Two new sesquiterpenepolyol esters were isolated from *Pseudolarix kaempferi*. ● All known compounds were isolated from *Pseudolarix* genus for the first time. ● CD exciton chirality method was used to determine the absolute configuration of new compounds.

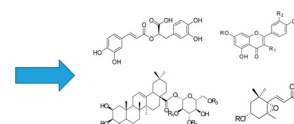
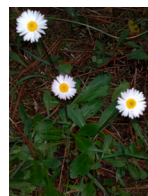


Phytochemical investigation and antimicrobial assessment of *Bellis sylvestris* leaves

pp 6–13

Monica Scognamiglio, Elisabetta Buommino, Lorena Coretti, Vittoria Graziani, Rosita Russo, Pina Caputo, Giovanna Donnarumma, Brigida D'Ambrosia and Antonio Fiorentino

● A phytochemical study on *Bellis sylvestris* was carried out. ● Twenty eight secondary metabolites belonging to different classes were isolated. ● Three compounds were reported for the first time. ● Isolated compounds have been evaluated for their antimicrobial activity.

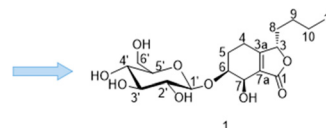


Three new phthalide glycosides from the rhizomes of *Ligusticum chuanxiong*

pp 14–17

Le-Jie Li, Yan-Fang Su and Shi-Li Yan

● Polar constituents of *L. chuanxiong* were investigated. ● Three new phthalide glycosides were isolated from the rhizomes of *L. chuanxiong*. ● Celephthalide A and icariside F₂ were reported from *L. chuanxiong* for the first time.



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