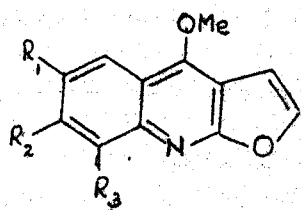


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Euodia lunuankenda (syn. Fagara lunuankenda, Fagara zeylanica, Xanthoxylum roxburghianum, Euodia roxburghianum) (Rutaceae) which is widespread in South East Asia and Malaysia was examined for its stem bark and leaf constituents.

Acid soluble fraction of cold dichloromethane extract of stem bark of E.lunuankenda gave four furo-quinoline alkaloids Evolitrine (1)  $\gamma$ -fagarine (2),  $\beta$ -fagarine (3) and kokusagine (4). Acid soluble fraction of dichloromethane extract of leaves also gave  $\gamma$ -fagarine (2),  $\beta$ -fagarine (3) and kokusagine (4). Structures of these compounds were confirmed by their spectral (IR,  $^1\text{H}$  NMR, MS) and physical ( $m.p.$ ,  $(\alpha)_D$ ) data.  $\beta$ -fagarine (3) has been previously isolated from F.chalybea, F.rubescens, F.macrophylla, F.capensis, F.senegalensis and F.okinawensis. Evolitrine has also been isolated from E.lunuankenda.



1  
2  
3  
4

$R_1$	$R_2$	$R_3$
H	OMe	H
H	H	OMe
H	OMe	OMe <sup>1</sup>
OMe	OMe	H

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