

The chemical composition of Amazonian plants (*)

A catalogue, edited by setor de fitoquímica, INPA, Manaus, Amazonas

FAMILY

Lauraceae

SPECIES

Aniba terminalis Ducke

OCCURRENCE : Manaus, Amazonas

TRUNK WOOD :

Benzyl benzoate
Benzyl salicylate
d(I-Camphor
Sitosterol

3 α -epi-Burchellin (1c)

(2S, 3S, 3aR)-3 α -Allyl-5-methoxy-3-methyl-2-piperonyl-2, 3, 3a, 6-tetrahydro-6-oxobenzofuran (1a)

(2R, 3S, 3aS)-3 α -Allyl-5-methoxy-3-methyl-2-piperonyl-2, 3, 3a, 6-tetrahydro-6-oxobenzofuran (1b)

(2S, 3S, 5S)-5-Allyl-5-methoxy-3-methyl-2-piperonyl-2, 3, 5, 6-tetrahydro-6-oxobenzofuran (2a)

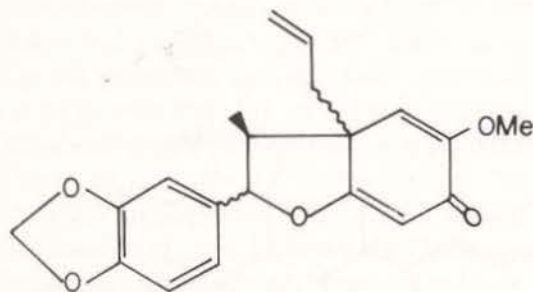
(2R, 3S, 5R)-Allyl-5-methoxy-3-methyl-2-piperonyl-2, 3, 5, 6-tetrahydro-6-oxobenzofuran (2b)

(2S, 3S)-6-O-Allyl-5-methoxy-3-methyl-2-piperonyl-2,3-dihydrobenzofuran (3)

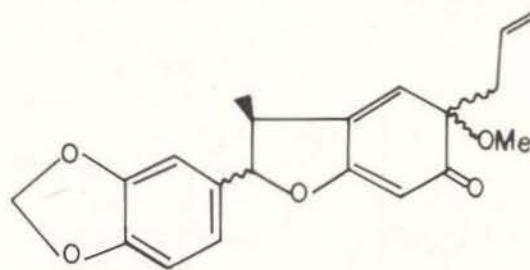
(2S, 3S)-Allyl-6-hydroxy-5-methoxy-3-methyl-2-piperonyl-2,3-dihydrobenzofuran (4a)

(2R, 3S)-7-Allyl-6-hydroxy-5-methoxy-3-methyl-2-piperonyl-2,3-dihydrobenzofuran (4b)

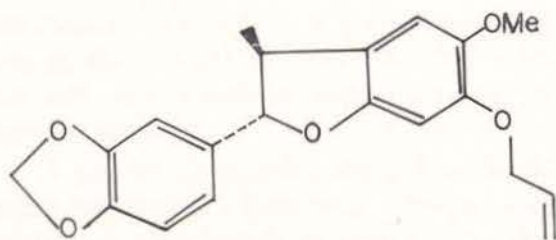
7-Allyl-6-hydroxy-5-methoxy-3-methyl-2-piperonyl benzofuran (5).



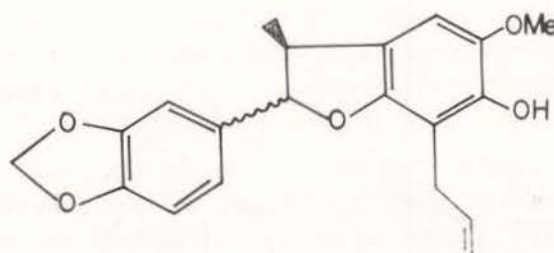
(1a) α -piperonyl, β -allyl
(1b) β -piperonyl, α -allyl
(1c) α -piperonyl, α -allyl



(2a) α -piperonyl, β -allyl
(2b) β -piperonyl, α -allyl

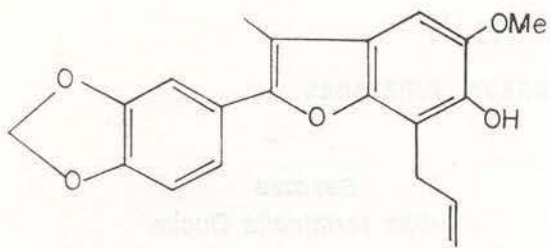


(3)



(4a) α -piperonyl
(4b) β -piperonyl

(*) — Contributions to this catalogue, which will be continued in subsequent issues of this Journal, are invited, and should be submitted to address give above.



(5)

REFERENCE :

O. R. Gottlieb, M. Leão da Silva and Z. Scattone Ferreira (1975) *Phytochemistry* 14, 1825-1827.

FAMILY

Lauraceae

SPECIES

Licaria canella (Meissn.) Kosterm.

OCCURRENCE : Manaus, Amazonas

TRUNK WOOD :

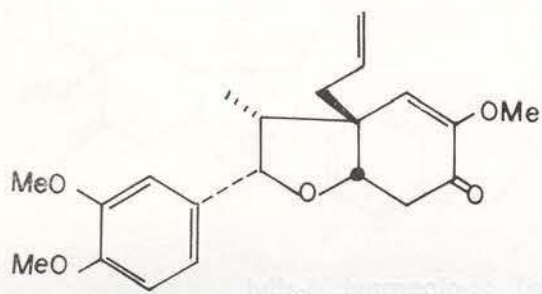
Dillapiol

Elemicin

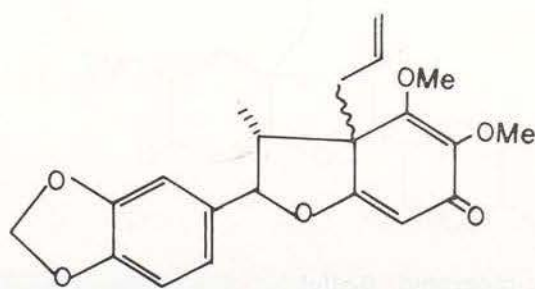
Canellin-A (1)

Canellin-B (2)

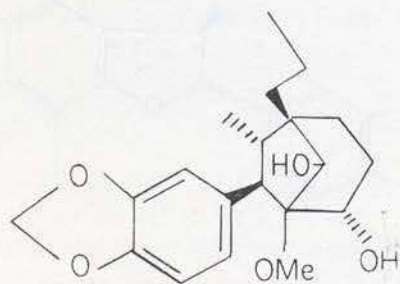
Canellin-C (3)



(1)



(2)



(3)

REFERENCE :

A. M. Giesbrecht, Nidia C. Franca and O. R. Gottlieb (1974) *Phytochemistry* 13, 2285.