

# The chemical composition of Amazonian plants (\*)

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

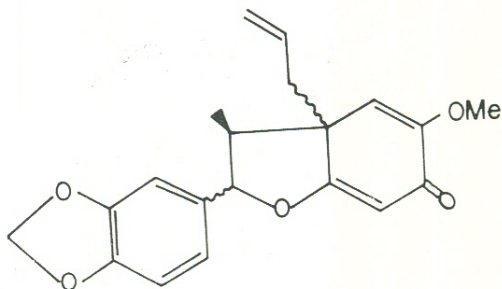
FAMILY  
Lauraceae

SPECIES  
*Aniba terminalis* Ducke

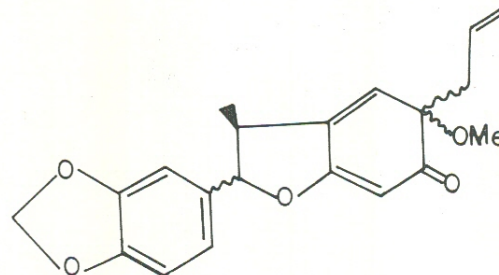
OCCURRENCE : Manaus, Amazonas  
TRUNK WOOD :

Benzyl benzoate  
Benzyl salicylate  
d(1)-Camphor  
Sitosterol

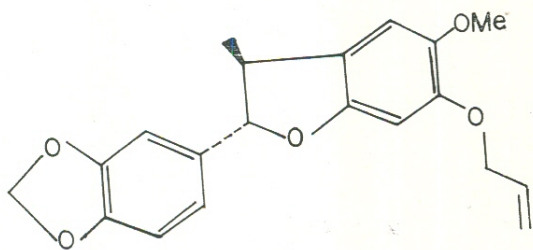
3a-epi-Burchellin (1c)  
(2S, 3S, 3aR)-3a-Allyl-5-methoxy-3-methyl-2-piperonyl-2, 3, 3a, 6-tetrahydro-6-oxobenzofuran (1a)  
(2R, 3S, 3aS)-3a-Allyl-5-methoxy-3-methyl-2-piperonyl-2, 3, 3a, 6-tetrahydro-6-oxobenzofuran (1b)  
(2S, 3S, 5S)-5-Allyl-5-methoxy-3-methyl-2-piperonyl-2, 3, 5, 6-tetrahydro-6-oxobenzofuran (2a)  
(2R, 3S, 5R)-5-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).



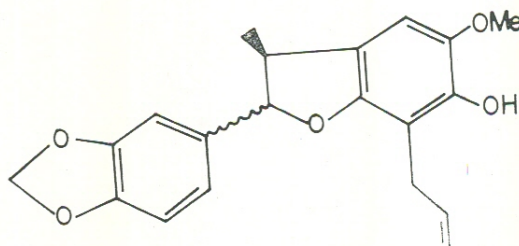
(1a)  $\alpha$ -piperonyl,  $\beta$ -allyl  
(1b)  $\beta$ -piperonyl,  $\alpha$ -allyl  
(1c)  $\alpha$ -piperonyl,  $\alpha$ -allyl



(2a)  $\alpha$ -piperonyl,  $\beta$ -allyl  
(2b)  $\beta$ -piperonyl,  $\alpha$ -allyl

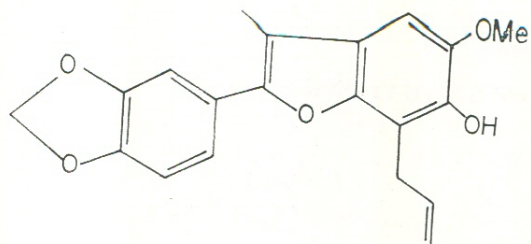


(3)



(4a)  $\alpha$ -piperonyl  
(4b)  $\beta$ -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 :

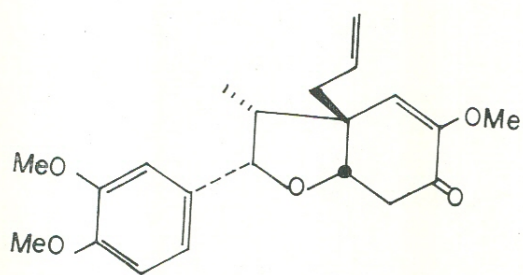
Dillapiol

Elemicin

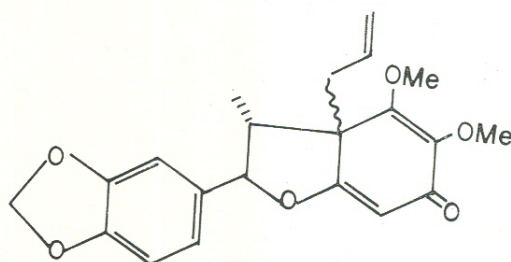
Canellin-A (1)

Canellin-B (2)

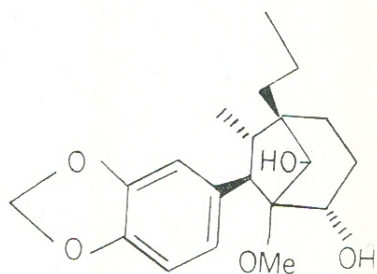
Canellin-C (3)



(1)



(2)



(3)

REFERENCE :

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