The chemical composition of Amazonian plants (*)

A catalogue, edited by Setor de Fitoquímica, INPA, Manaus, Amazonas

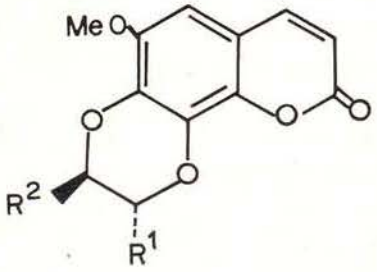
FAMILY : SPECIE

BURSERACEAE *Protium opacum* Swart

OCCURRENCE : River Canumã, Amazonas

TRUNK WOOD :

Propacin (E-1'-Guaiacyl-2'-methyl-ethylenedioxy)- 1',2':8,7 or 1',2':7,8-6-Methoxycoumarin.



a R^1 = 4-Hydroxy-3-methoxyphenyl
R^2 = Me

b R^1 = Me
R^2 = 4-Hydroxy-3-methoxyphenyl

REFERENCE :

M. das Graças B. Zoghbi, Nidia F. Roque, Otto R. Gottlieb (1980) *Phytochemistry* (8) (in press).

FAMILY : SPECIE

LAURACEAE *Aniba ferrea* Kubitzki

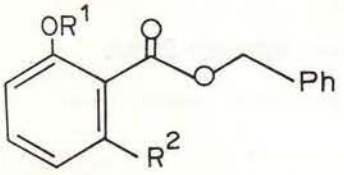
OCCURRENCE : Manaus, Amazonas

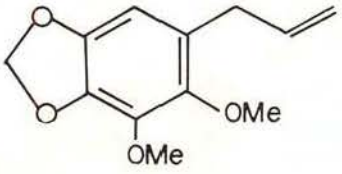
TRUNK WOOD :

Dillapiol (2)
Benzyl salicylate (1a)
Benzyl 2-methoxybenzoate (1b)
Benzyl 2,6-dimethoxybenzoate (1c)
$\triangle^{8'}$-2'-Hidroxy-3-methoxy-4,5-methylenedioxy-1',2',3',6'-tethahydro-3'-oxo-7.0.2',8.1'-neolignan (Ferrearin - A, 3a).

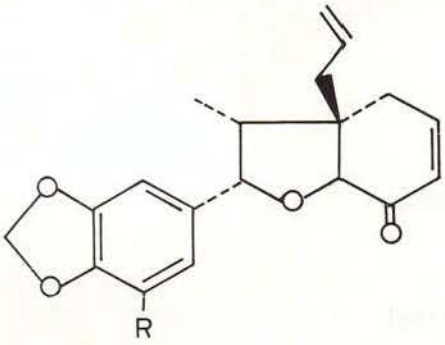
(*) — Contributions to this catalogue, which will continued in subsequent issues of this Journal, are invited and should be submetted to address above.

$\triangle^{8'}$-2'-Hidroxy-3,4-methylenedioxy-1',2',3',6'-tetrahydro-3'-oxo-7.0.2',8.1-neolignan (Ferrearin - B, 3b)
$\triangle^{8'}$-3,3',5'-Trimethoxy-4,5-methylenedioxy-1',4',5',6'-tetrahydro-4'-oxo-7.0.2',8.1'-neolignan (4a)
$\triangle^{8'}$-3',5'-Dimethoxy-3,4-methylenedioxy-1',4',5',6'-tetrahydro-4'-oxo-7.0.2',8.1'-neolignan (4b)
$\triangle^{8'}$-3,4,5'-Trimethoxy-1',4',5',6'-tetrahydro-4'-oxo-7.0.2',8.1'-neolignan (4c)
$\triangle^{8'}$-2',4'-Dihydroxy-3,3',5'-trimethoxy-4,5-methylenedioxy-1',2',3',4',5',6'-hexahydroneolignan (5a)
$\triangle^{8'}$-2',4'-Dihydroxy-3',5'-dimethoxy-4,5-methylenedioxy-1',2',3',4',5',6'-hexahydroneolignan (5b)

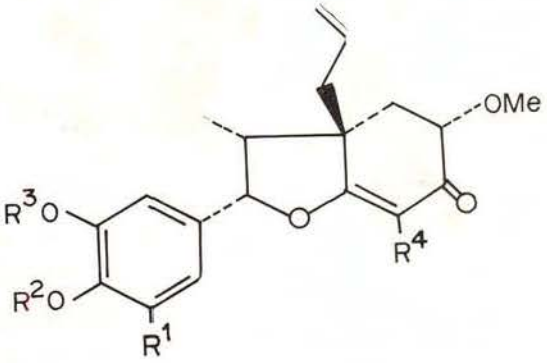




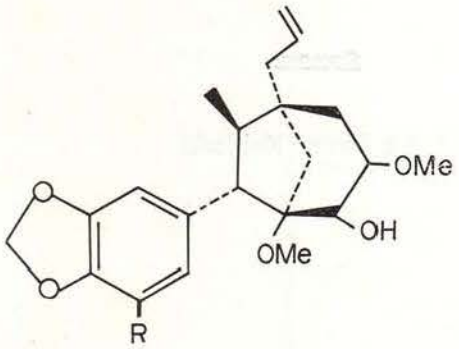
1a $R^1=R^2=H$
1b $R^1=Me$ $R^2=H$
1c $R^1=Me$ $R^2=OMe$



3a R=OMe
3b R=H



4a $R^1=R^4=OMe$ R^2-$R^3=CH_2$
4b $R^1=H$ R^2-$R^3=CH_2$ $R^4=OMe$
4c $R^1=R^4=H$ R^3-$R^3=Me$



5a R=OMe
5b R=H

REFERENCE :

Carlos H. S. Andrade, Raimundo Braz Filho and Otto R. Gottlieb (1980) *Phytochemistry 19* ..... (6) : 1191 - 1194.