

The chemical composition of Amazonian plants (*)

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

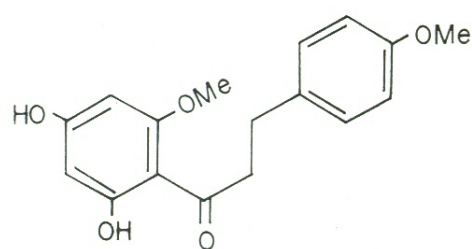
FAMILY
MYRISTICACEAE

SPECIE
Iryanthera laevis Mkgf.

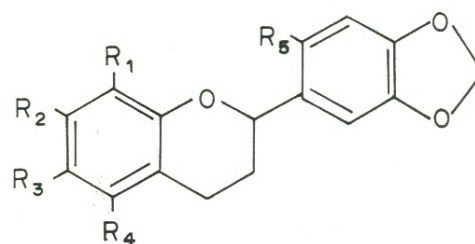
OCCURRENCE : Manaus, Amazonas
TRUNK WOOD :

Sitosterol

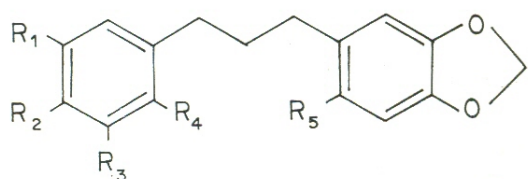
2',4'-Dihydroxy-4,6'-dimethoxydihydrochalcone	II - 2
2',7-Dihydroxy-4',5'-methylenedioxy-6,8-dimethylflavan	II - 3
2',7-Dihydroxy-4',5'-Methylenedioxy-5,8-dimethylflavan	II - 4
1-(2',4'-Dihydroxy-3',5'-dimethylphenyl)-3-(2''-hydroxy-4'',5''-methylenedioxyphenyl)-propane	II - 5
1-(2'-Hydroxy-4'-methoxy-5'-methylphenyl)-3-(2''-hydroxy-4'',5''-methylenedioxyphenyl)-propane	II - 6
1-(2',4'-Dihydroxy-3'-methylphenyl)-3-(2''-methoxy-4'',5''-methylenedioxyphenyl)-propane	II - 7
1-(2'-4'-Dihydroxyphenyl)-3-(2''-methoxy-4'',5''-methylenedioxyphenyl)-propane	II - 8
2,5'-Dihydroxy-7-methoxy-4',5'-methylenedioxy-6,8-dimethylflavane	II - 9



II - 2



	R ₁	R ₂	R ₃	R ₄	R ₅
II - 3	Me	OH	Me	H	OH
II - 4	Me	OH	H	Me	OH
II - 9	Me	OMe	Me	OH	OH



	R ₁	R ₂	R ₃	R ₄	R ₅
II - 5	Me	OH	Me	OH	OH
II - 6	Me	OMe	H	OH	OH
II - 7	H	OH	Me	OH	OMe
II - 8	H	OH	H	OH	OMe

REFERENCE :

Silva, Marcelo Sobral (1979) Taken from part of the M.Sc. submitted to Universidade Federal Rural do Rio de Janeiro.

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

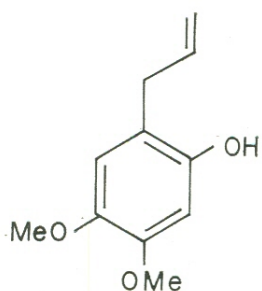
FAMILY
LAURACEAE

SPECIE
Aniba lancifolia Kubitzki Rodrigues

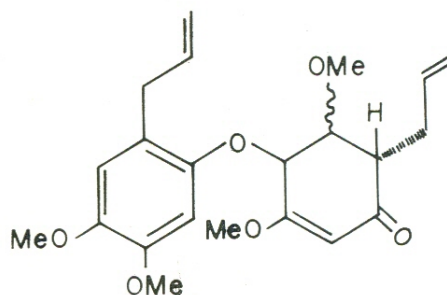
OCCURRENCE : Manaus, Amazonas
TRUNK WOOD :

Sitosterol

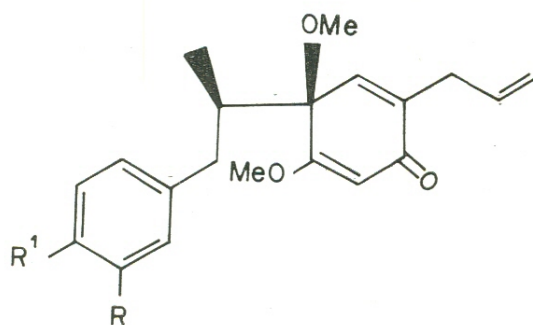
- 2-Hydroxy-4,5-dimethoxy-allylbenzene (Al - 1)
 Lancifolin A- [(8R,3'S)-4-hydroxy-3,3',4'-trimethoxy-3',6'-dihydro-6'-oxo-8,3'-Neolignan]
 Lancifolin B- [(8R,3'R)-4-hydroxy-3,3',4'-trimethoxy-3',6',-dihydro-6'-oxo-8,3'-Neolignan]
 Lancifolin C- [(8R,3'S)-3,4,3',4'-tetramethoxy-3',6'-dihydro-6'-oxo-8,3'-Neolignan]
 Lancifolin D- [(8R,3'R)-3,4,3',4'-tetramethoxy-3',6'-dihydro-6'-oxo-8,3'-Neolignan]
 Lancifolin E- [(8R,3'S)-3,4-methylenedioxy-3',4'-dimethoxy-3',6'-dihydro-6'-oxo-8,3'-Neolignan]
 Lancifolin F- [(8R,3'R)-3,4-methylenedioxy-3',4'-dimethoxy-3',6'-dihydro-6'-oxo-8,3'-Neolignan]
 4,5,3',4'-tetramethoxy-1',2',3',6'-tetrahydro-6'-oxo-2,0,3'-Neolignan (Al - 3)



Al - 1

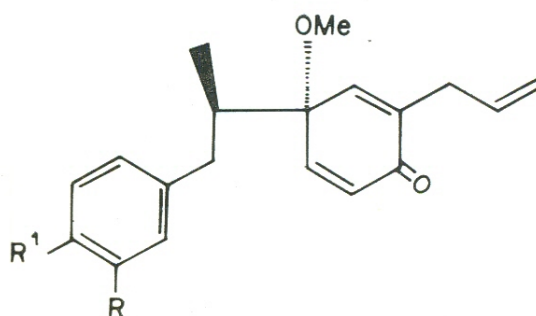


Al - 3



Al - 1

- Lancifolin A R=OMe, R'=OH
 C R=R'=OMe
 E R,R'=O₂CH₂



Al - 3

- Lancifolin B R=OMe, R'=OH
 D R=R'=OMe
 F R,R'=O₂CH₂

REFERENCE :

Diaz Diaz, P.P. (1978) Taken from part of the D.Sc. submitted to Universidade de São Paulo.