

The chemical composition of Amazonian plants (*)

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

FAMILY

Lauraceae

SPECIE

Endlicheria verticillata Mez

OCCURRENCE: Manaus, Amazonas

TRUNK WOOD:

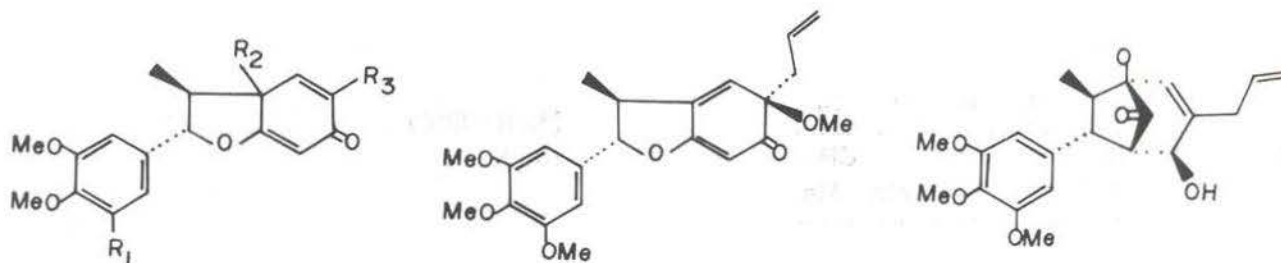
Mirandin-A (1)¹.

(2S, 3S, 5R)-5-Allyl-5-methoxy-2-(3', 4', 5'-trimethoxyphenyl)-3-methyl-2, 3, 5, 6-tetrahydro-6-oxobenzofuran(2)².

(1S, 4R, 5S, 6R, 7R)-3-Allyl-6-(3', 4', 5'-trimethoxyphenyl)-4-hydroxy-1-methoxy-7-methyl-8-oxobicyclo[3, 2, 1]oct-2-ene(3)³.

(2S, 3S, 3aR)-3a-Allyl-5-methoxy-2-(3', 4', 5'-trimethoxyphenyl)-3-methyl-2, 3, 3a, 6-tetrahydro-6-oxobenzofuran(4)³.

(2S, 3S, 3aR)-3a-Allyl-5-methoxy-2-(3' 4'-dimethoxyphenyl)-3-methyl-2, 3, 3a, 6-tetrahydro-6-oxobenzofuran(5)⁴.



	R ₁	R ₂	R ₃
(1)	OMe	-OMe	Allyl
(4)	OMe	-Allyl	OMe
(5)	H	-Allyl	OMe

(3)

REFERENCES:

1. Aiba, C. J., Gottlieb, O. R., Pagliosa, F. M., Yoshida, M. and T. Magalhães, M. (1977) *Phytochemistry* 16, 745-748.
2. Aiba, C. J., Fernandes, J. B., Gottlieb, O. R. and Maia, J. G. S. (1975) *Phytochemistry* 14, 1597-1604.
3. Figliuolo, R. (1978) Tese de Mestrado, Universidade Federal Rural do Rio de Janeiro, Brazil, 77-106.
4. Fernandes, J. B., Gottlieb, O. R. and Maia, J. G. S. (1976) *Phytochemistry* 15, 1033.

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

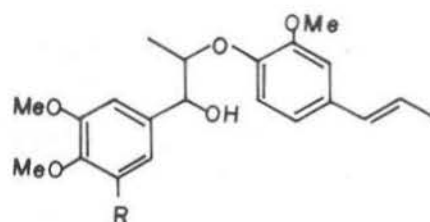
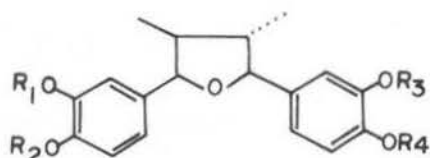
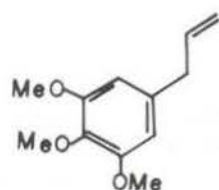
FAMILY
Myristicaceae

SPECIE
Virola surinamensis (Rol.) Warb.

OCCURRENCE : Aurá Forest Reserve
Belém (Estado do Pará, Brazil)

LEAVES :

Elemicin (1)
Galbacin (2a)
Veraguensin (2b)
Surinamensin (3a)
Virolin (3b)



	R ₁	R ₂	R ₃	R ₄	
(1)					(3a)R=OMe
	(2a)	-CH ₂ -	-CH ₂ -		(3b)R=H
	(2b)	Me	Me	Me	

REFERENCE :

1. Barata, L. E. S., Baker, P.M., Gottlieb, O. R. and Rúveda, E. A. (1978) *Phytochemistry* 17, 783-786.