

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:

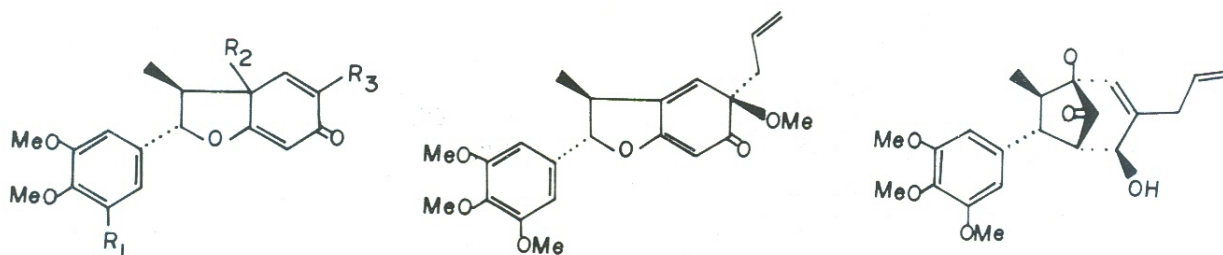
Mirandin-A(1)¹.

(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

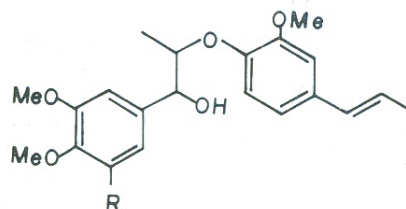
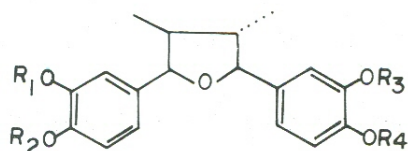
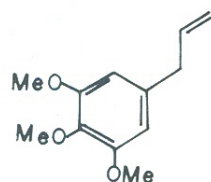
Myristicaceae

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 :

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