

# The chemical composition of Amazonian plants(\*)

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

**FAMILY:**

Menispermaceae

**SPECIE:**

*Abuta rufescens* Aubl.

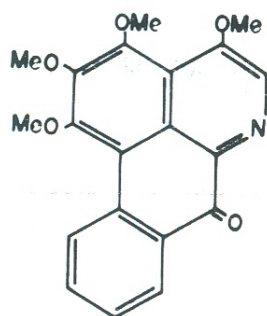
**OCURRENCE:** Rio Japurá-Amazonas

**TRUNK WOOD:**

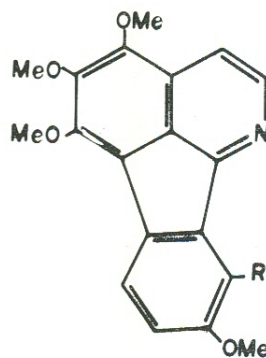
Imenine (1)

Imeluteine (2)

Rufescine (3)



(1)



(2) R = OMe

(3) R = H

**REFERENCE:**

Cava, M. P., Buck, K. T., Noguchi, I., Srīnivasan, M., Rao, M. G. and Rocha, A. I. da (1975) *Tetrahedron* 31, 1667-1669.

**FAMILY:**

Lauraceae

**SPECIE:**

*Aniba gardneri* (Meissn.) Mez

**OCURRENCE:** Amazonas

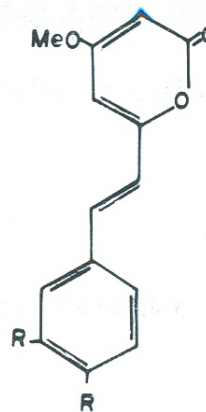
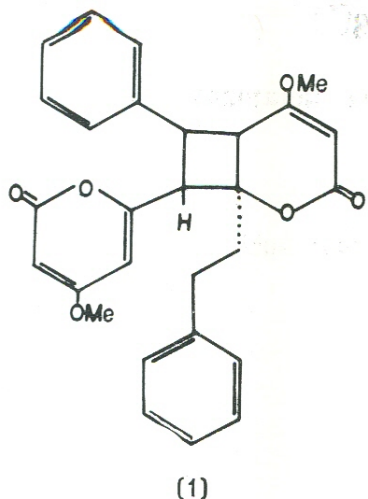
**TRUNK WOOD:**

Aniba-dimer-A (1)

5,6-Dehydrocavain (2a)

Tri-O-methylhispidin (2b)

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



(2a) R = H  
 (2b) R = OMe

REFERENCE:

Mascarenhas, Yvonne P. and Gottlieb O. R. (1977) *Phytochemistry* 16, 301-302.

FAMILY:  
 Lauraceae

SPECIE:  
*Nectandra miranda* Sand.

OCURRENCE: Belém - Pará

TRUNK WOOD:

Mirandin A<sup>2,3</sup> (1a)

Mirandin B<sup>2,3</sup> (1b)

2-epi-Mirandin-A<sup>1</sup> (1c)

Licarin-C<sup>7</sup>

7-Allyl-6-hydroxy-5-methoxy-2-(3', 4', 5'-trimethoxyphenyl)-3-methylbenzofuran<sup>4</sup>.

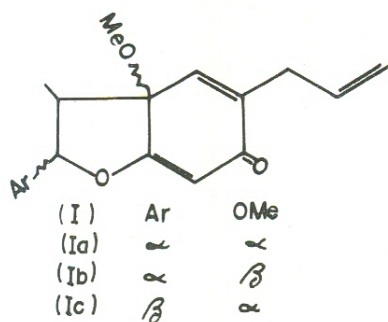
(2S, 3S, 3aS)-3a-Allyl-5-methoxy-2-(3', 4', 5'-trimethoxyphenyl)-3-methyl-2,3,3a,6-tetrahydro-6-oxobenzofuran<sup>4</sup>.

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

(2S, 3S)-6-O-Allyl-5-methoxy-2-(3', 4', 5'-trimethoxyphenyl)-3-methyl-2, 3-dihydrobenzofuran<sup>4,5</sup>.

7-Allyl-6-hydroxy-5-methoxy-3-methyl-3-methyl-2-piperonylbenzofuran<sup>5</sup>.

(2R, 3R)-7-methoxy-3-methyl-5-(E)-propenyl-2-veratryl-1,2,3-dihydrobenzofuran.



**REFERENCES:**

- 1- Aiba, Cacilda J., Gottlieb, O. R., Pagliosa, Frida, M., Yoshida, Massayoshi and Magalhães, Mauro T. (1977) *Phytochemistry* 16, 745-8.
- 2- Gottlieb, O. R., Maia, J. G. S. and Mourão, J. C. (1976) *Phytochemistry* 15, 1289.
- 3- Lima, O. A., Gottlieb, O. R. and Magalhães, M. T. (1972) *Phytochemistry* 11, 2031.
- 4- Aiba, C. J., Fernandes, J. B., Gottlieb, O. R. and Maia, J.G.S. (1975) *Phytochemistry* 14, 1597
- 5- Gottlieb, O.R., Silva, M.L. da and Ferreira, Z.S. (1975) *Phytochemistry* 14, 1825.
- 6- Fernandes, J.B., Gottlieb, O.R. and Maia, J.G.S. (1976) *Phytochemistry* 15, 1033.
- 7- Braz F.º, R., Mourão, J.C., Gottlieb, O.R. and Maia, J.G.S. (1976) *Tetrahedron Letters*, 1167.