

The chemical composition of Amazonian plants^(*)

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

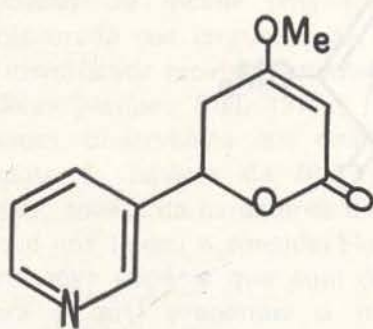
FAMILY :
Lauraceae

SPECIE :
Aniba gigantifolia O. C. Schmidt

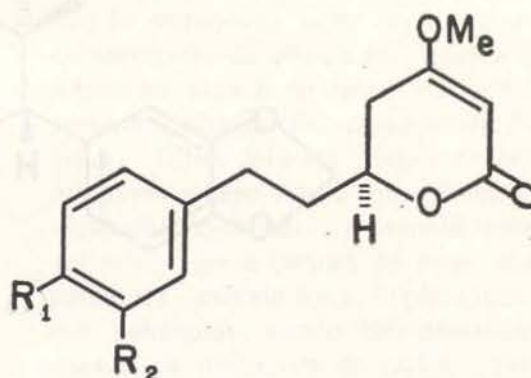
OCCURRENCE : Manaus, Amazonas

TRUNK WOOD :

anibine (I)
(6S)-dihydrokawain (IIa)
(6S)-dihydromethysticin (IIb)
(6S)-tetrahydroiangonin (IIc)
(6S)-tetrahydro-11-methoxyiangonin (IId)



(I)



(IIa) R₁=R₂=H
(IIb) R₁=R₂=OCH₂O
(IIc) R₁=OMe; R₂=H
(IId) R₁=R₂=OMe

REFERENCES :

1. Von Bülow, M. V., Franca, N. C., Gottlieb, and Puentes Suarez, A. M. (1973) *Phytochemistry* 12, (no prelo)
2. Gottlieb, O. R. (1972) *Phytochemistry* 11, 1537
3. Saver, H. and Hänsel, R. (1967) *Planta Med.* 15, 443
4. Achenbach, H., Karl, W. and Smith, S. (1971) *Chem. Ber.* 104, 2688

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

FAMILY :
Lauraceae

SPECIE :
Aniba guianensis Aubl.

OCCURRENCE : Manaus, Amazonas

TRUNK WOOD :

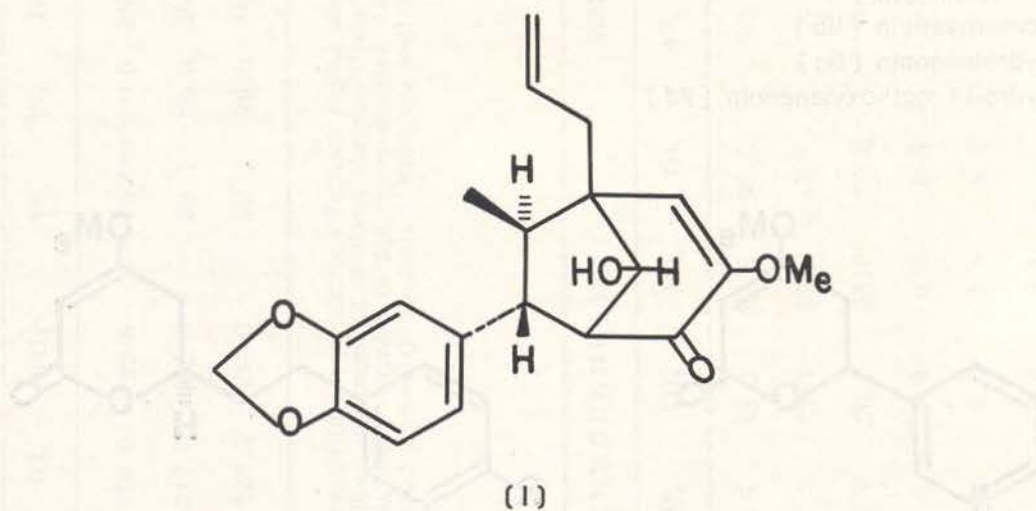
benzyl benzoate

benzyl salicylate

O-methyleugenol

O-methylisoeugenol

guianin (1-allyl-8-hidroxy-3-methoxy-7-methyl-4-oxo-6-piperonyl-bicyclo [3.2.1] oct-2-en) (1)



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1. Andrade da Mata Rezende, C. M., Gottlieb, O. R., Leão da Silva, M. and Soares Maia, J. G. (1973) *Phytochemistry* 12, 471
2. Araujo Lima, O., Gottlieb, O. R. and Taveira Magalhães, M. (1972) *Phytochemistry* 11, 2031
3. Aiba, C. J., Braz Filho, R. and Gottlieb, O. R. (1973) *Phytochemistry* 12, 413
4. Gottlieb, O. R. (1972) *Phytochemistry* 11, 1537.