The chemical composition of Amazonian plants(*)

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

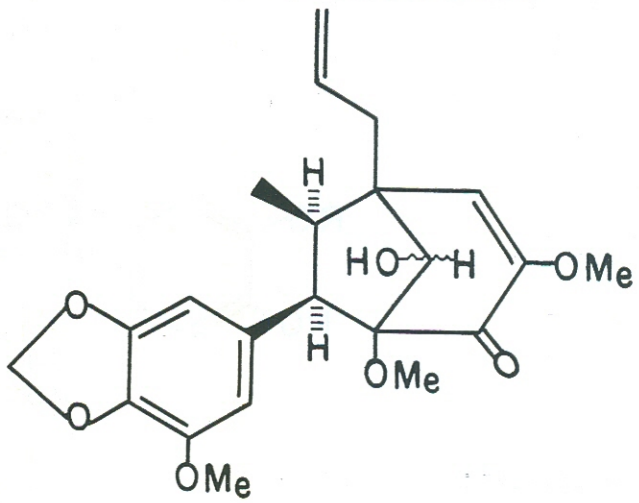
FAMILY :
Lauraceae

SPECIE :
Licaria maprophylla (A. C. Smith) Kost.

OCCURRENCE : Manaus, Amazonas

TRUNK WOOD :

Sitosterol
Macrophyllin (1-allyl-8-hydroxy-3,5-dimethoxy-7-methyl-4-oxo-6-(3', 4'-methylenedioxy-5'-methoxyphenyl)-bicyclo [3.2.1] oct-2-en) (I)



(I)

REFERENCE :

Soares Maria, J. G. (1973) M. Sc. Thesis, Universidade Federal Rural do Rio de Janeiro.

FAMILY :
Lauraceae

SPECIE :
Licaria puchury-major (Mart.) Kost.

OCCURRENCE : Manaus, Amazonas

TRUNK WOOD :

sitosterol
3,4-methylenedioxycinnamaldehyde
3,4-methylenedioxycinnamyl alcohol
syringic aldehyde (4-hydroxy-3,5-dimethoxybenzaldehyde)
safrol
eugenol

REFERENCES :

1. Aiba, C. J., Campos Corrêa, R. G. and Gottlieb, O. R. (1973) Phytochemistry *12*, 000.
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4. Gottlieb, O. R. (1956) Boletim do Instituto de Química Agrícola (Rio de Janeiro) n.° 43, p. 14.
5. Seabra, A. P., Guimarães, E. C. and Mors, W. B. (1967) Anais Assoc. Brasil. Quím. *26*, 73.

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

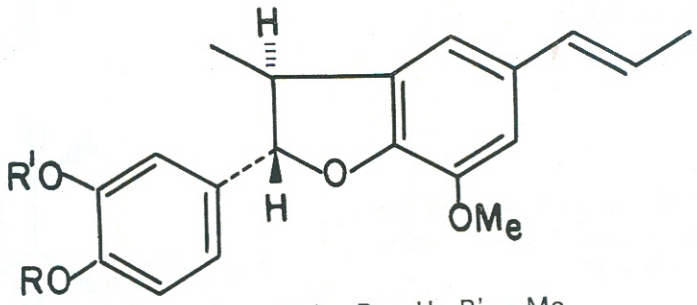
FAMILY :
Lauraceae

SPECIE :
Licaria aritu Ducke

OCCURRENCE : Manaus, Amazonas

TRUNK WOOD :

licarin-A (2S, 3S) -2,3-dihydro-2-(4'-hydroxy-3'-methoxyphenyl)-7-methoxy-3-methyl-5-trans-propenylbenzofuran (Ia)
licarin-B (2S, 3S) -2,3-dihydro-7-methoxy-3-methyl-2-piperonyl-5-trans-propenylbenzofuran (Ib)



(Ia) R = H; R' = Me
(Ib) R-R' = CH_2

REFERENCES :

1. Aiba, C. J., Braz Filho, R. and Gottlieb, O. R. (1973) Phytochemistry *12*, (no prelo).
2. Gottlieb, O. R. (1972) Phytochemistry *11*, 1537.
3. Gregson, M., Ollis, W. D., Redman, B. T., Sutherland, I.O. and Dietrichs, H. H. (1968) Chem. Comm. 1394.
4. Donnelly, B. J., Donnelly, D. M. X., O' Sullivan, A. M. and Pendergast, J. P. (1969) Tetrahedron *25*, 4409.
5. Araujo Lima, O., Gottlieb, O. R. and Taveira Magalhães, M. (1972) Phytochemistry *11*, 2031.