

The chemical composition of Amazonian plants(*)

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

FAMILY

LAURACEAE

OCCURRENCE: Manaus, Amazonas

TRUNK WOOD:

SPECIE

Licaria armeniaca (Nees) Kosterm.

Sitosterol

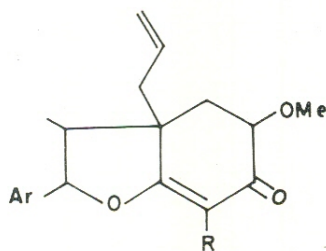
6, 7-Dimethoxy-coumarin

(2S, 3S, 3aR, 5R)-3a-Allyl-5-methoxy-2-(3', 4'-methylenedioxyphenyl)-3-methyl-2,3,3a,4,5,6-hexahydro-6-oxo-benzofuran. (1a)

(2S, 3S, 3aR, 5R)-3a-Allyl-5, 7-dimethoxy-2-(3' 4'-methylenedioxyphenyl)-3-methyl-2,3,3a,4,5, 6-hexahydro-6-oxo-benzofuran. (1b)

Canellin-B (1c)

Porosin (1d)



	Ar	Me	Al	OMe	R
(1a)	∞-Pi	β	∞	β	H
(1b)	∞-Pi	β	∞	β	OMe
(1c)	∞-Pi	β	β	∞	OMe
(1d)	∞-Ve	∞	β	∞	H

Ar=aryl, Me=methyl, Al=allyl, Pi=piperonyl, Ve=veratryl

REFERENCES:

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2. De Cavalcante, S. H., Giesbrecht, A. M., Gottlieb, O. R., Mourão, J. C. and Yoshida, M. (1978) *Phytochemistry* 17, 983.
3. Aiba, C. J., Gottlieb, O. R., Yoshida, M., Mourão, J. C. and Gottlieb, H. E. (1976) *Phytochemistry* 15, 1034.

(*) — 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

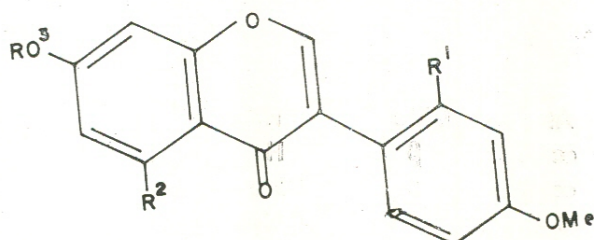
OCCURRENCE: Manaus, Amazonas, Belém, Pará

SPECIES

Virola flexuosa A. C. Smith, *V. caducifolia*
W. Rodr., *V. venosa* (Benth) Warb.,
V. multinervia Ducke, *Osteophleum*
platyspermum (DC) Warb.

TRUNK WOOD:

Sitosterol
Stigmasterol
Stearic acid
Virolanol
Virolane
Biochanin-A (1a)
2'-Hydroxy-isoflavone (1b)
2'-Methoxy-isoflavone (1c)
1-(4'-hidroxy-2'-metoxyphenyl)-3(3'-hidroxy-4'-metoxyphenyl)-Propane.
3-Hydroxy-5-methoxystilbene
Formononetin (1h)
2'-Hydroxy-formononetin (1i)
(±)-3-Demethylhomoptercarpin
(±)-Maackiain
Kaur-16-en-19-oic acid
3-Hydroxy-5-methoxystilbene



1a	$R^1=R^3=H, R^2=OH$
1b	$R^1=R^2=OH, R^3=H$
1h	$R^1=R^2=R^3=H$
1i	$R^1=OH, R^2=R^3=H$

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2. Braz Fo., R., Pedreira, G., Gottlieb, O. R., Soares Maia, J. G. (1976) *Phytochemistry* 15:1029.
3. Braz Fo., R., Gottlieb, O. R., Pinho, Sonildes L. V. (1976) *Phytochemistry* 15:567.
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