

The chemical composition of Amazonian plants(*)

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

FAMILY :

Leguminosae-Papilionatae

SPECIES:

Derris utilis A. C. Smith

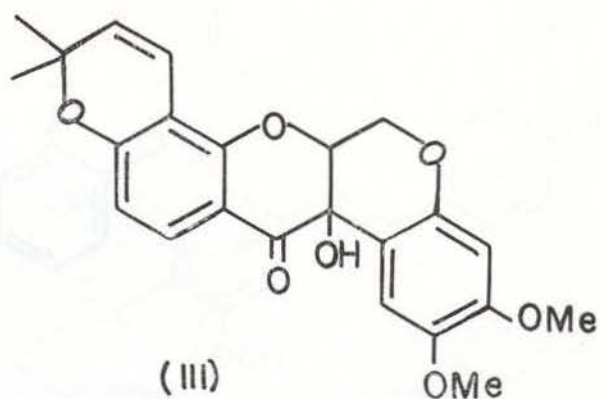
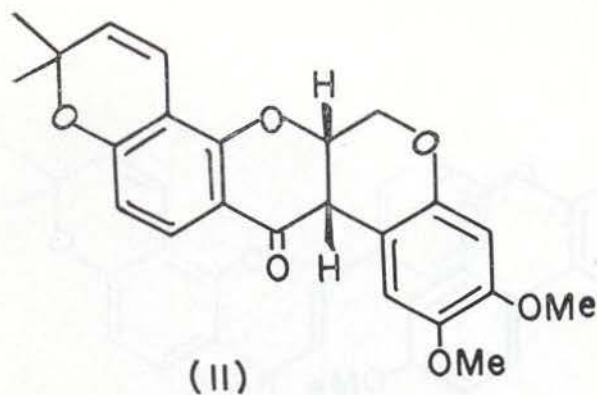
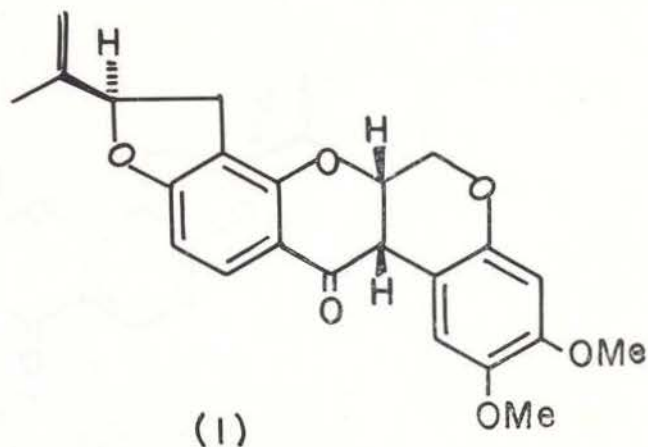
OCCURRENCE : Amazônia

SHRUB AND ROOTS :

Rotenon (I)

Deguelin (II)

Tephrosin (III)



REFERENCE :

Clark, E. P. (1931) J. Am. Chem. Soc. 53, 3431; (1932) 54, 4454.

(*) — 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 :

Leguminosae-Papilionatae

SPECIES :

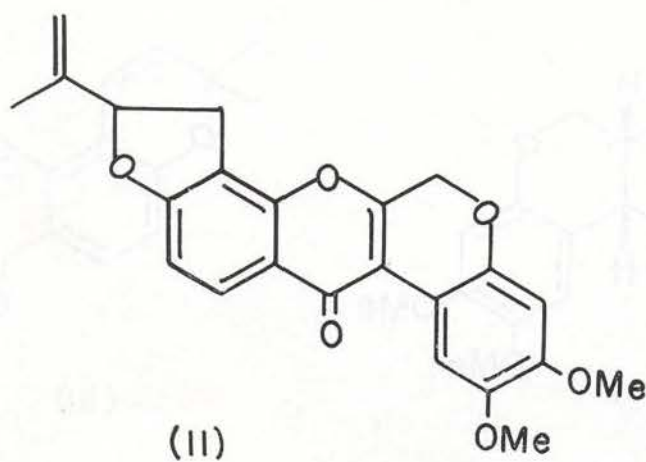
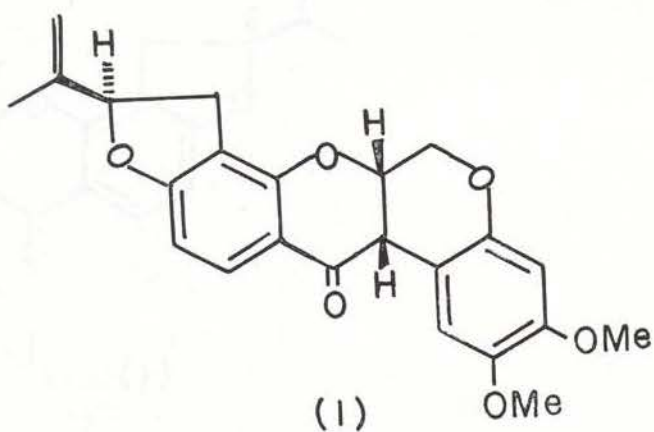
Derris urucu (Killip et Smith) Macbr.

OCCURRENCE : Amazônia

TRUNK WOOD AND ROOTS :

Rotenon (I)

Dehidrorotenon (II)



REFERENCE :

Kreier, G. R. (1941) Zent. I, 2308.

Braz Filho, R., Gottlieb, O. R., Mourão, A. P. and Sousa Oliveira, F. (1973) unpublished results

FAMILY :

Leguminosae-Papilionatae

OCCURRENCE : Manaus, Amazonas

VINES AND ROOTS :

Derricidin (I)

2',4'-Dihydroxy-3'-prenylchalcone

4'-Hydroxylonchocarpin (II, R=OH)

Lonchocarpin (II, R=H)

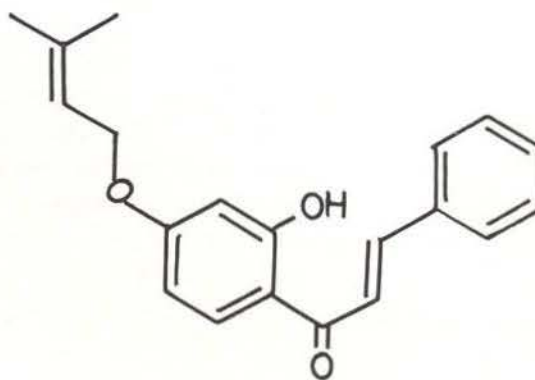
6-Prenyl-5,7-dihydroxyflavanone

4-Prenyl-3,5-dimethoxystilbene (III, R=H)

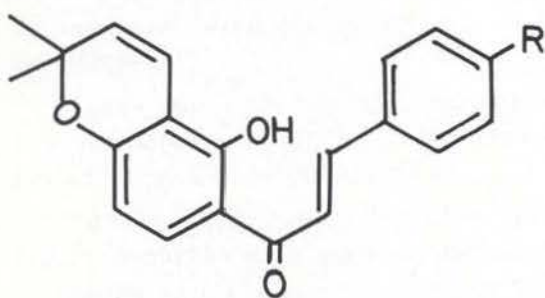
4-Prenyl-3,5,4'-trimethoxystilbene (III, R=OMe)

SPECIES :

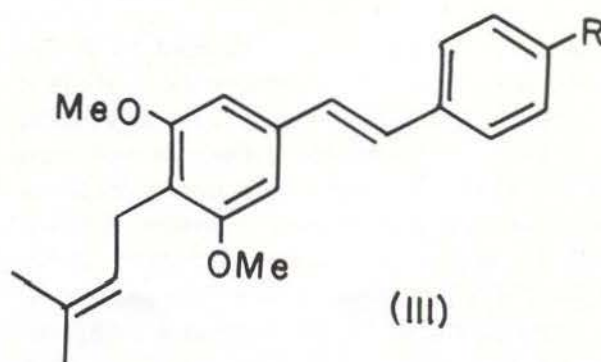
Derris floribunda (Bth.) Ducke



(I)



(II)



(III)

REFERENCE :

Braz Filho, R., Carneiro dos Santos, M., Gottlieb, O. R., Mourão, A. P. and da Rocha, A. I. (1973) unpublished results.