

# Metabolites from Endophytes of the Medicinal Plant *Erythrina crista-galli*

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*Erythrina crista-galli* (Fabaceae) is used in Argentinean ethnopharmacology as anti-inflammatory medication, narcotic, desinfectant, and for the treatment of wounds. The common name of the tree is “ceibo” or coral tree. The dominating endophytes in *E. crista-galli* all belong to the genus *Phomopsis* as identified by microscopic features and the analysis of their ITS sequences. To investigate a possible contribution of *Phomopsis* spp. to the metabolites found in the plant, twelve different isolates were cultivated in different media. Besides several new metabolites a number of known compounds were detected: mellein, nectriapyrone, 4-hydroxymellein, scytalone, tyrosol, clavatul, mevinic acid, and mevalonolactone.

*Key words:* *Erythrina crista-galli*, Endophytic *Phomopsis*, Metabolites