SUPPLEMENTARY MATERIAL

A new furanocoumarin from the fruits of *Scaevola taccada* and antifungal activity against *Pythium insidiosum*

Jittra Suthiwong¹, Yordhathai Thongsri² and Chavi Yenjai^{1,*}

Affiliation

¹*Natural Products Research Unit, Center of Excellence for Innovation in Chemistry, Department of Chemistry, Faculty of Science, Khon Kaen University, Khon Kaen 40002, Thailand*

²*Department of Medical Technology, Faculty of Allied Health Science, Naresuan University, Phitsanulok 65000, Thailand.*

ABSTRACT: A new coumarin, scataccanol (**1**), and 10 known compounds were isolated from the fruits of *Scaevola taccada* (Gaertn.) Roxb. All compounds were evaluated for antifungal activity against *Pythium insidiosum*. Compounds **5** and **7** showed strong antifungal activity with MIC values of 5 and 10 µg/mL, respectively. Structural determination of all compounds was accomplished by 1D and 2D-NMR, IR and MS spectrometry.

Keywords: *Scaevola taccada*; *Pythium insidiosum*; furanocoumarin; iridoid; antifungal

List of Supplementary material:

Figure S1 ^1H NMR spectrum of scataccanol (**1**).

Figure S2 ^{13}C NMR spectrum of scataccanol (**1**).

Figure S3 Mass spectrum of scataccanol (**1**).

Figure S4 The HMBC correlations of scataccanol (**1**).

Figure S1 ^1H NMR spectrum of scataccanol (1).

Figure S2 ^{13}C NMR spectrum of scataccanol (1).

Figure S3 Mass spectrum of scataccanol (1).

Figure S4 The HMBC correlations of scataccanol (**1**).