Supporting Information to:

Immunosuppressive Lignans Isolated from *Saururus chinensis*

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Extraction and solution

The aerial parts of *Saururus chinensis* (15 kg) were dried and soaked in 80% methanol (MeOH) at room temperature for 7 days and the extract was evaporated at 40 °C under reduced pressure. The concentrated extract (1660 g) was suspended in 40 L of water and then partitioned with an equal volume of methylene chloride (CH$_2$Cl$_2$), ethyl acetate (EtOAc) and n-butanol (BuOH), successively. The CH$_2$Cl$_2$ extract (430 g) was loaded on a silica gel (70 – 230 mesh, 6.2 kg; Merck; Darmstadt; Germany) column (20 × 100 cm), and eluted with a step gradient of CH$_2$Cl$_2$ -MeOH (CH$_2$Cl$_2$ 5 L, CH$_2$Cl$_2$-MeOH 100:1 5 L, 50:1 5 L, 1:1 5 L), resulting in 5 fractions, i.e., Fr.1 (3.5 g), Fr.2 (167 g), Fr.3 (14 g), Fr.4 (90 g) and Fr.5 (98 g). Fr.2 (167 g), which showed strong activity against lymphoproliferation induced by mitogens, was subjected to silica gel (Merck, 70 – 230 mesh, 3 kg) column (15 × 80 cm) chromatography with hexane-EtOAc in a step gradient manner (10:1 5 L, 9:1 5 L, 8:1 5 L, 6:1 5 L, 1:1 5 L) to give 5 fractions, i.e., Fr.21 (10.3 g), Fr.22 (23.8 g), Fr.23 (38.7 g), Fr.24 (23.2 g) and Fr.25 (61.3 g). Fr.23 (38.7 g) was further purified by silica gel (Merck, 70 – 230 mesh, 1.5 kg) column (10 × 50 cm) chromatography with hexane/EtOAc in a step gradient manner to give 4.0 g of compound 1. Further purification of fraction 25 by repeated silica gel chromatography with hexane/EtOAc gradient (10:1, 9:1, 8:1, 7:1, 6:1, 3:1, 1:1, EtOAc) yielded compound 2 (1.5 g), compound 3 (28 mg), compound 4 (202 mg) and compound 5 (630 mg).

In compound 3, the $^1$H-NMR and $^{13}$C-NMR data of the tetrahydrofuran moiety were different from those in compounds 2, 4 and 5. The data of compound 3 were characteristic for a tetrahydrofuran ring with a *cis*-configuration of one aryl and methyl group and a *trans*-configuration of the other aryl and methyl group, while two methyl groups were *trans*.
oriented to each other. Each component 1 – 5 has been identified by direct comparison of their physical and spectral properties (\(^1\)H-NMR and \(^{13}\)C-NMR) with those in the literature. Details of the work-up procedure and copies of the original spectra of 1 – 5 are obtainable from the author of correspondence.