Concise Total Synthesis of Biologically Interesting Mallotophilippen C and E

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Spectral Data

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General Experimental Method

All the experiments were carried out in a nitrogen atmosphere. Merck precoated silica gel plates with a fluorescent indicator were used for analytical TLC. Flash column chromatography was performed using silica gel 9385. NMR spectroscopy was carried out in CDCl_3 with residual CHCl_3 ($\delta_{\text{H}} = 7.26$ ppm) and CDCl_3 ($\delta_{\text{C}} = 77.0$ ppm) as the internal standards, while IR spectra were obtained for thin films on NaCl plates. The HRMS and MS spectra were carried out at the Korea Basic Science Institute.

¹H NMR of Compound **5**

(300 MHz, CDCl₃)

^{13}C NMR of Compound **5**

(75 MHz, CDCl₃)

¹H NMR of Compound 6

(300 MHz, CDCl₃)

^{13}C NMR of Compound **6**

¹H NMR of Compound 7

(300 MHz, CDCl₃)

^{13}C NMR of Compound 7

(75 MHz, CDCl₃)

¹H NMR of Compound 9

(300 MHz, CDCl₃)

¹³C NMR of Compound **9**

¹H NMR of Compound 1

(300 MHz, benzene-d₆)

^1H NMR of Compound **10**

^{13}C NMR of Compound **10**

¹H NMR of Compound 11

(300 MHz, CDCl₃)

¹³C NMR of Compound **11**

(75 MHz, CDCl₃)

¹H NMR of Compound 12

(300 MHz, CDCl₃)

¹³C NMR of Compound **12**

¹H NMR of Compound **13**

(300 MHz, CDCl₃)

^{13}C NMR of Compound **13**

(75 MHz, CDCl₃)

¹H NMR of Compound 15

^{13}C NMR of Compound **15**

(75 MHz, CDCl_3)

¹H NMR of Compound 3

(300 MHz, benzene-d₆)