

Fungistatic effect of phthalide lactones on *Rhodotorula mucilaginosa*

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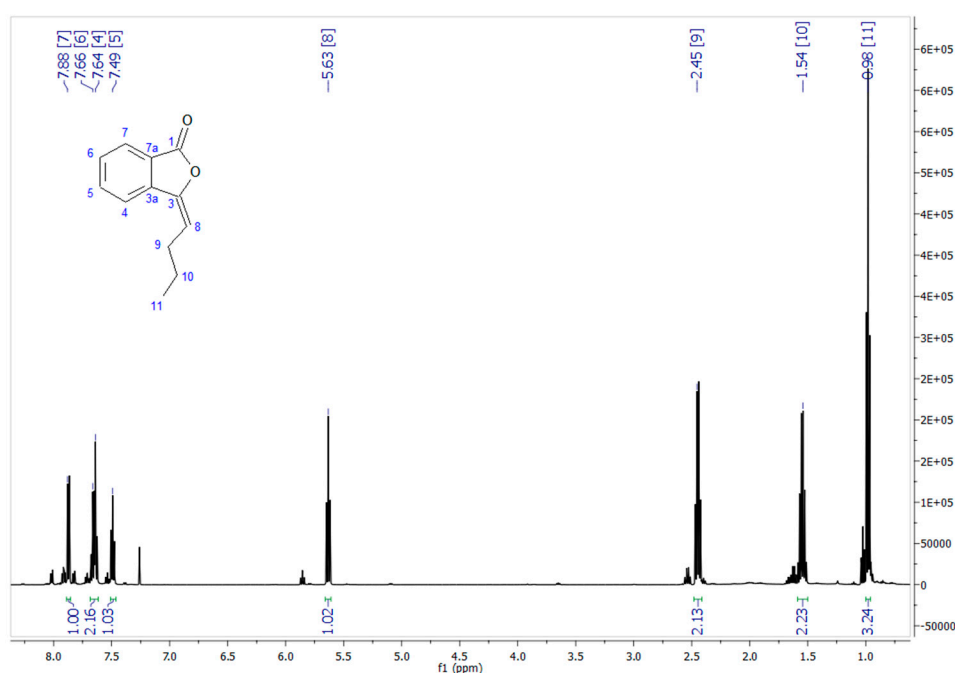


Figure S1a. ¹H NMR of 3-*n*-butyldenephthalide (1).

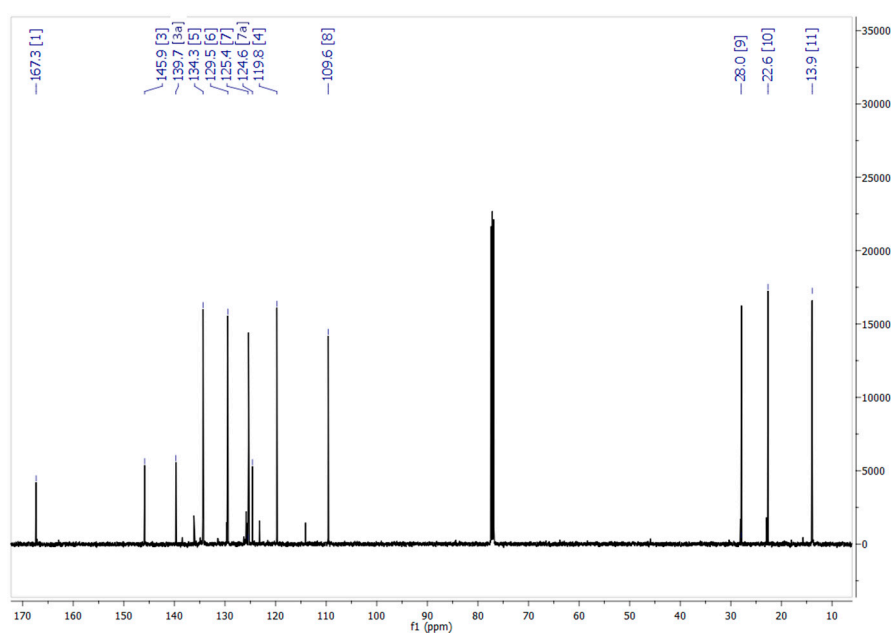


Figure S1b. ¹³C NMR of 3-*n*-butyldenephthalide (1).

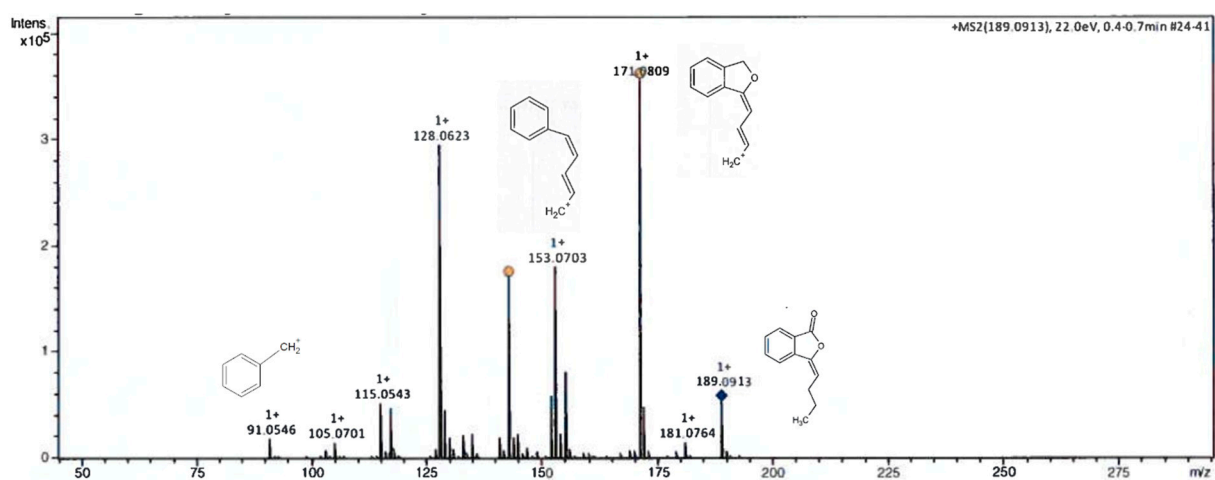


Figure S1c. HR-ESI-MS/MS of 3-*n*-butylidenephthalide (1).

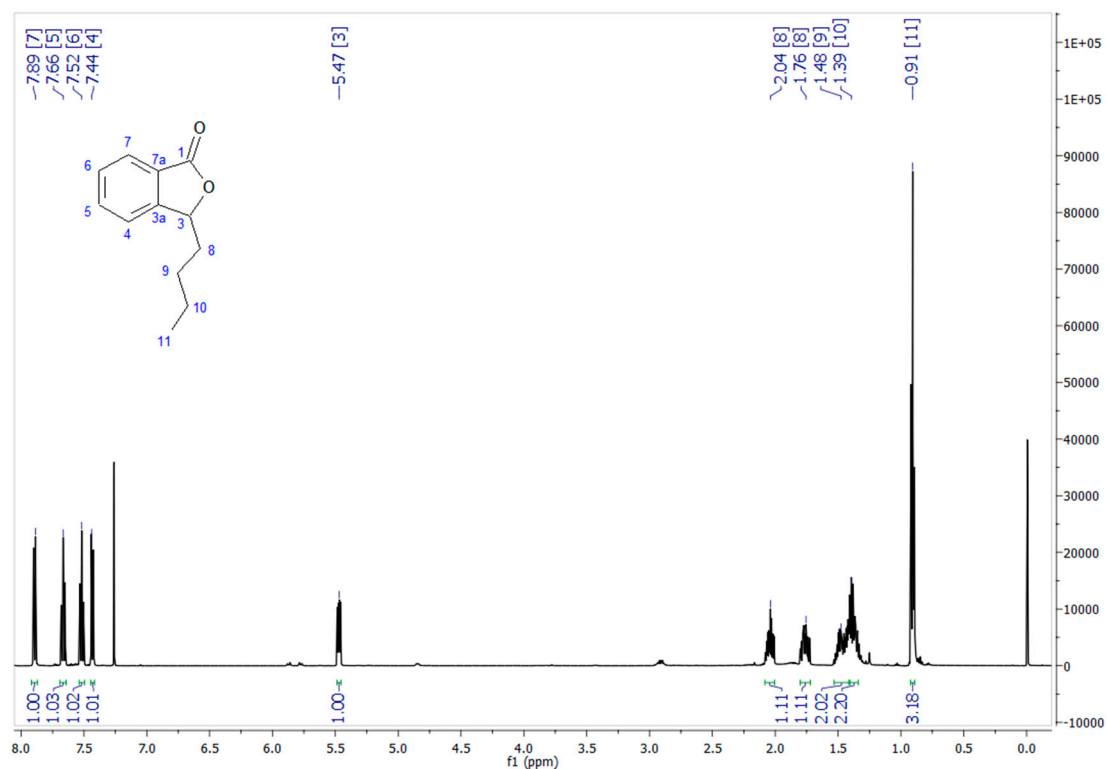


Figure S2a. ¹H NMR of 3-*n*-butylphthalide (2).

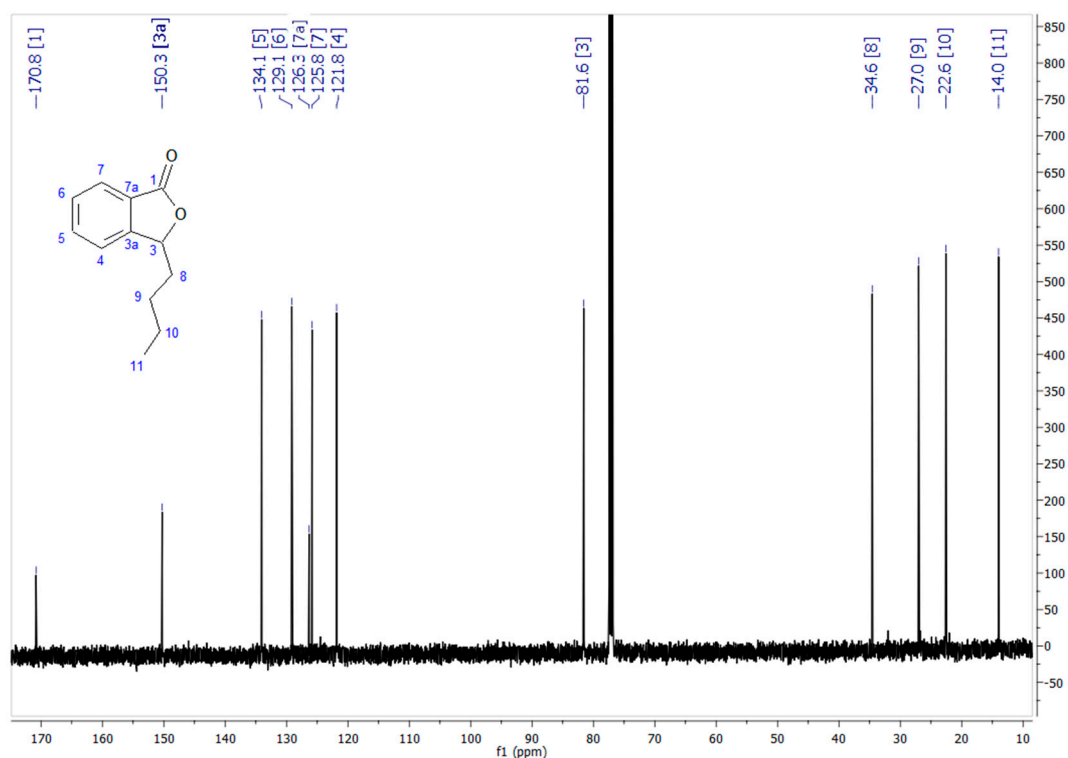


Figure S2b. ¹³C NMR of 3-*n*-butylphthalide (2).

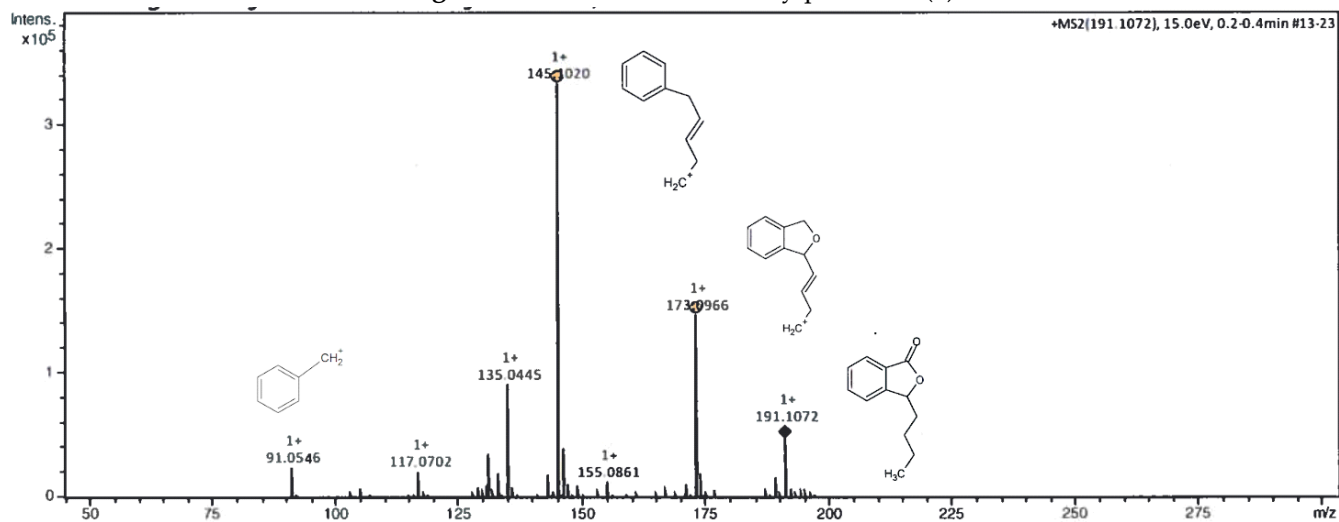


Figure S2c HR-ESI-MS/MS of 3-*n*-butylphthalide (2).

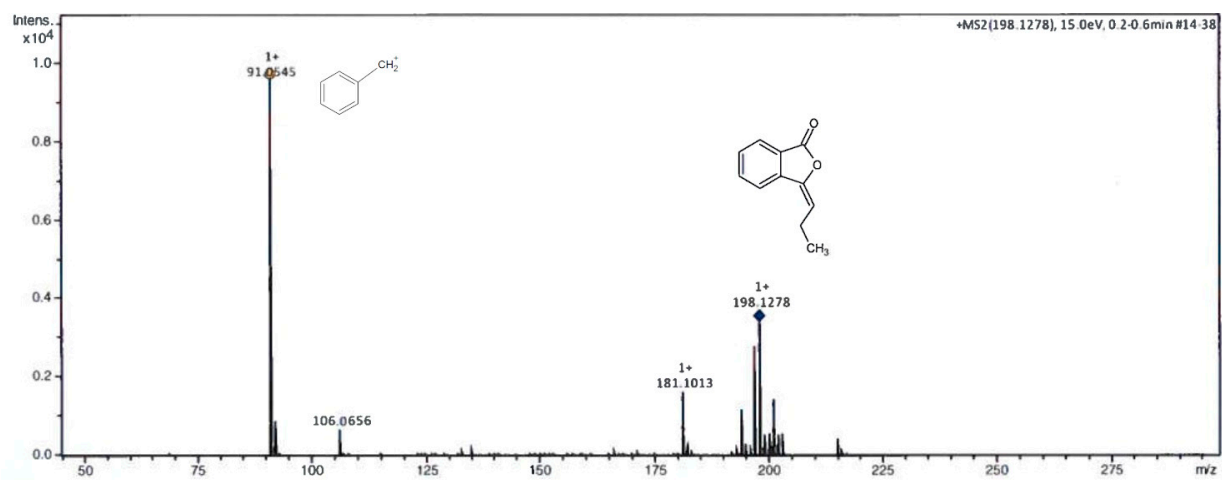


Figure S3 HR-ESI-MS/MS of 3-*n*-propyldenephthalide (3).

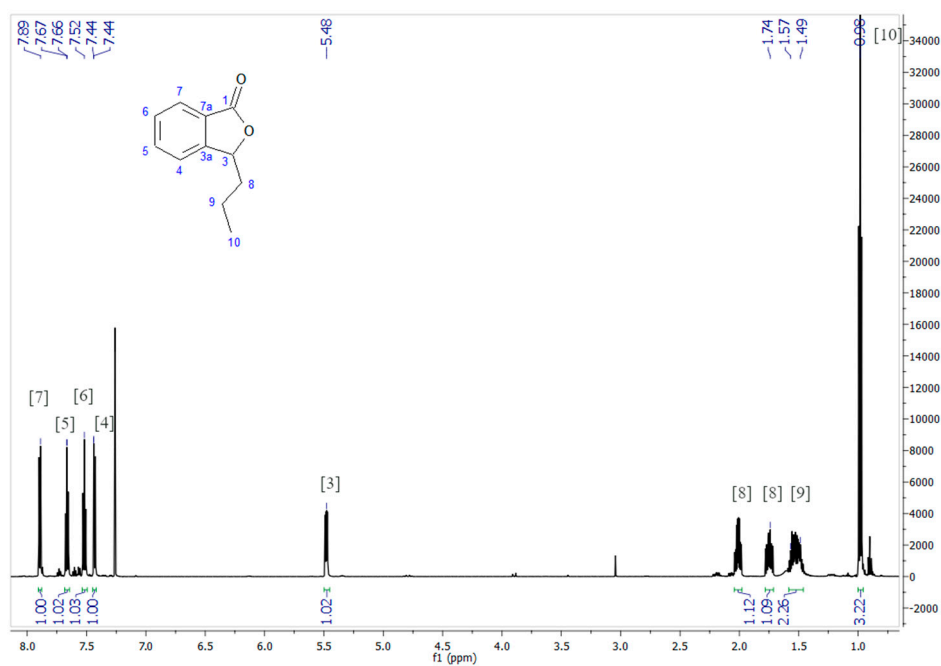


Figure S4a ¹H NMR of 3-*n*-propylphthalide (4).

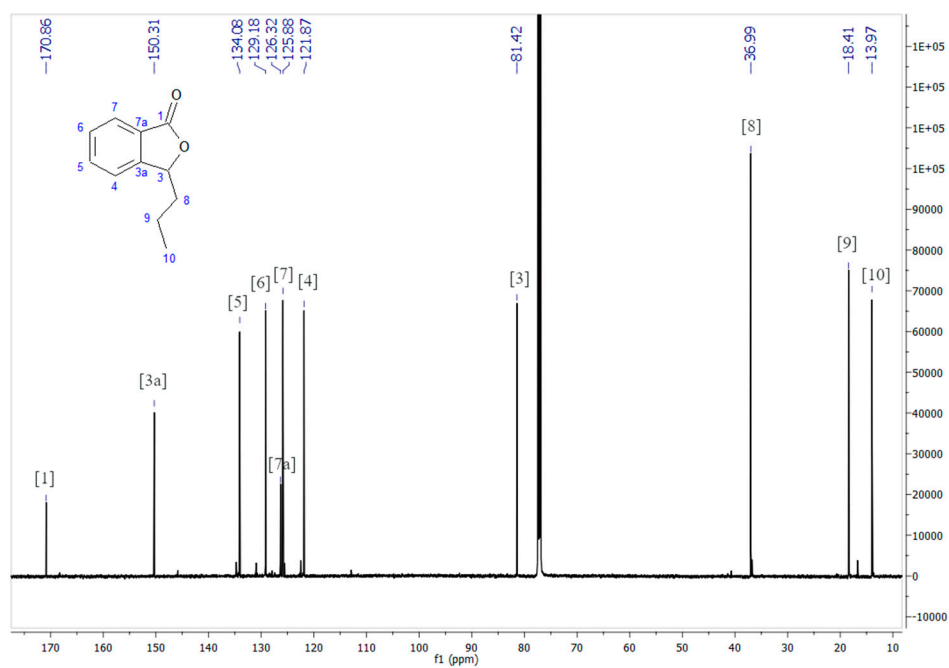


Figure S4b ¹³C NMR of 3-*n*-propylphthalide (4).

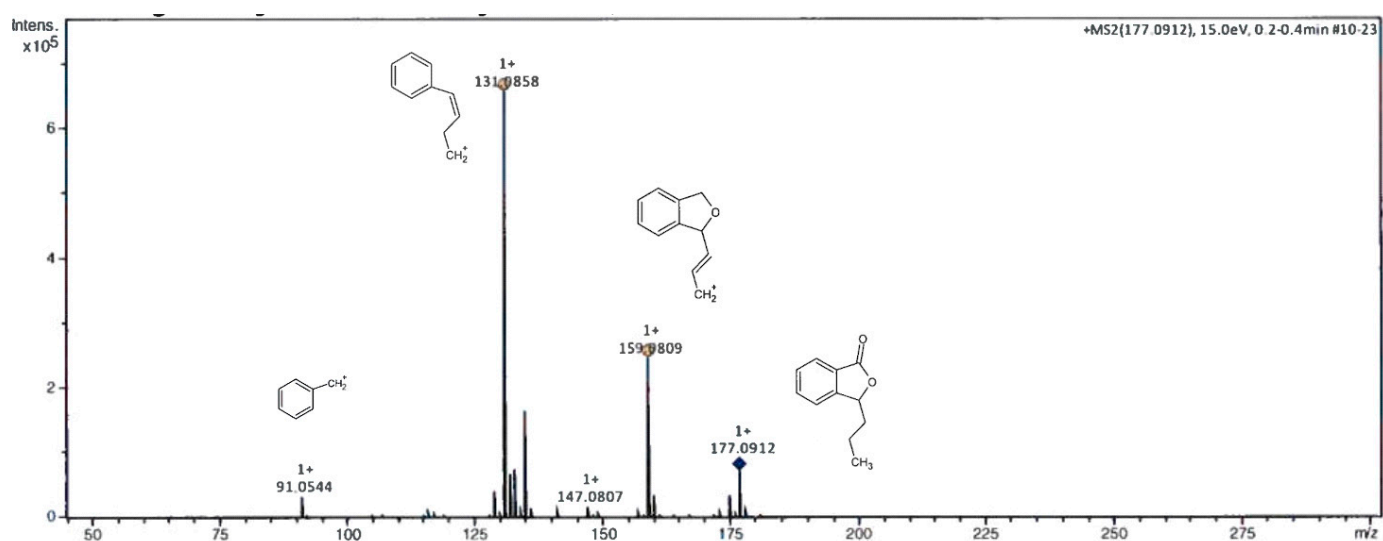


Figure S4c HR-ESI-MS/MS of 3-*n*-propylphthalide (4).

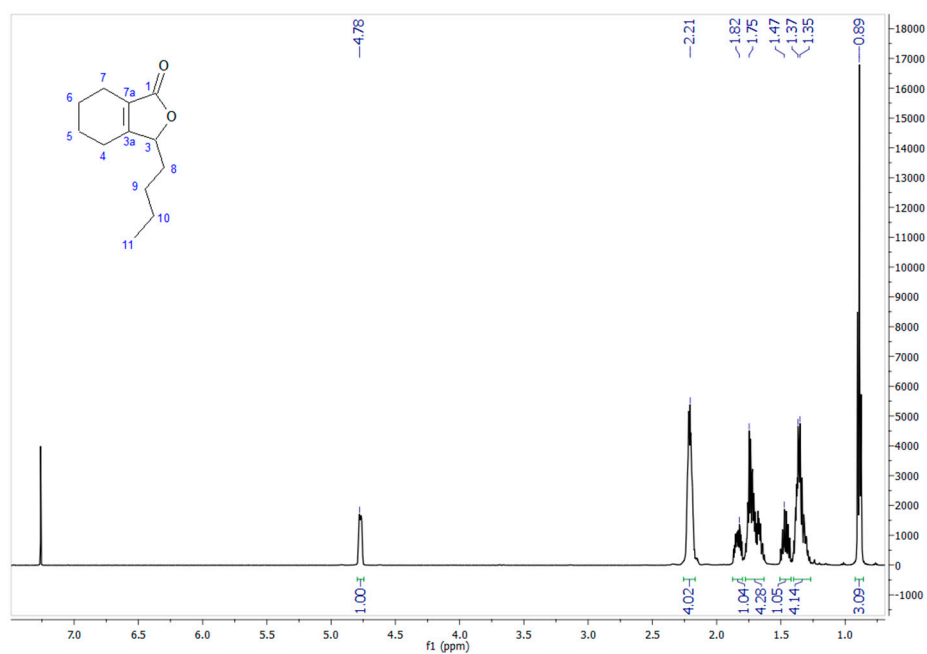


Figure S5a. ^1H NMR of 3-butyl-4,5,6,7-tetrahydrophthalide (5).

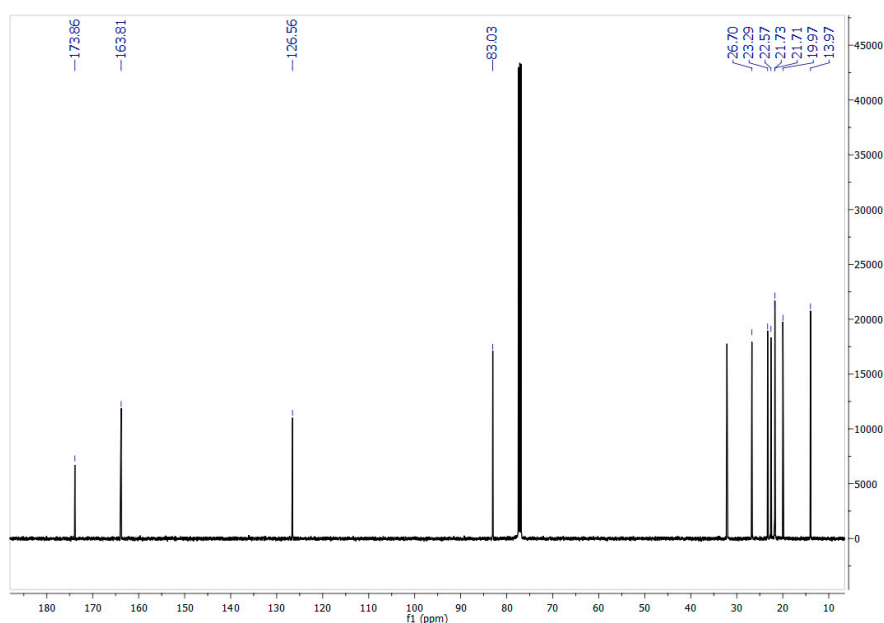


Figure S5b. ¹³C NMR of 3-Butyl-4,5,6,7-tetrahydrophthalide (5).

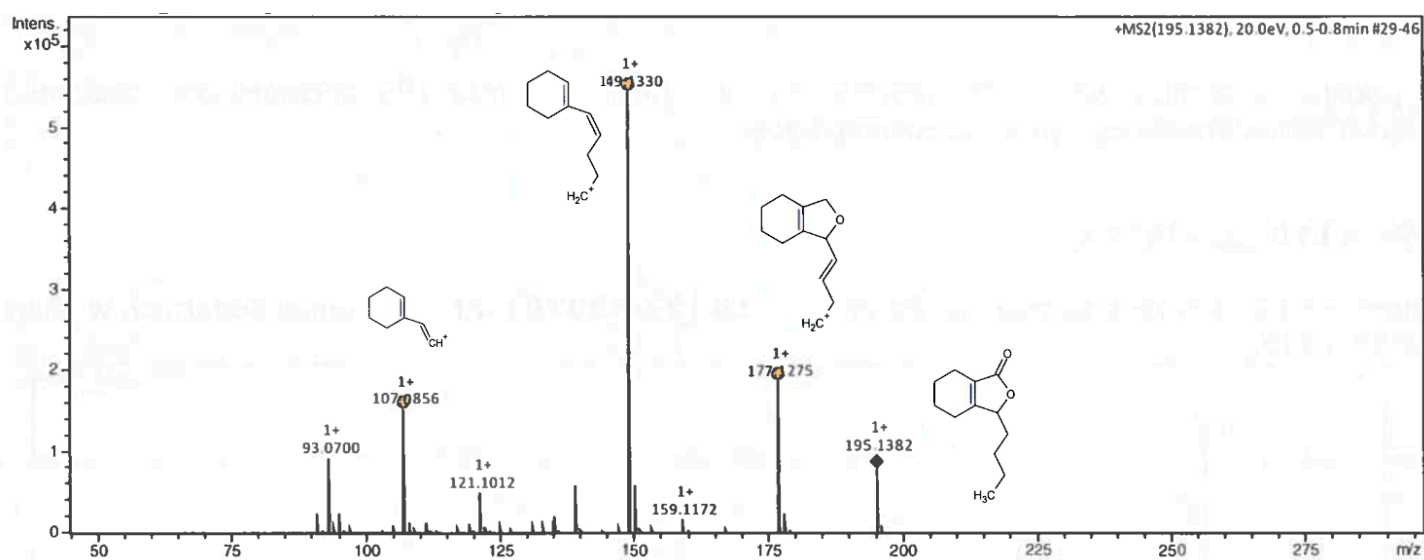


Figure S5c. HR-ESI-MS/MS of 3-Butyl-4,5,6,7-tetrahydrophthalide (5).

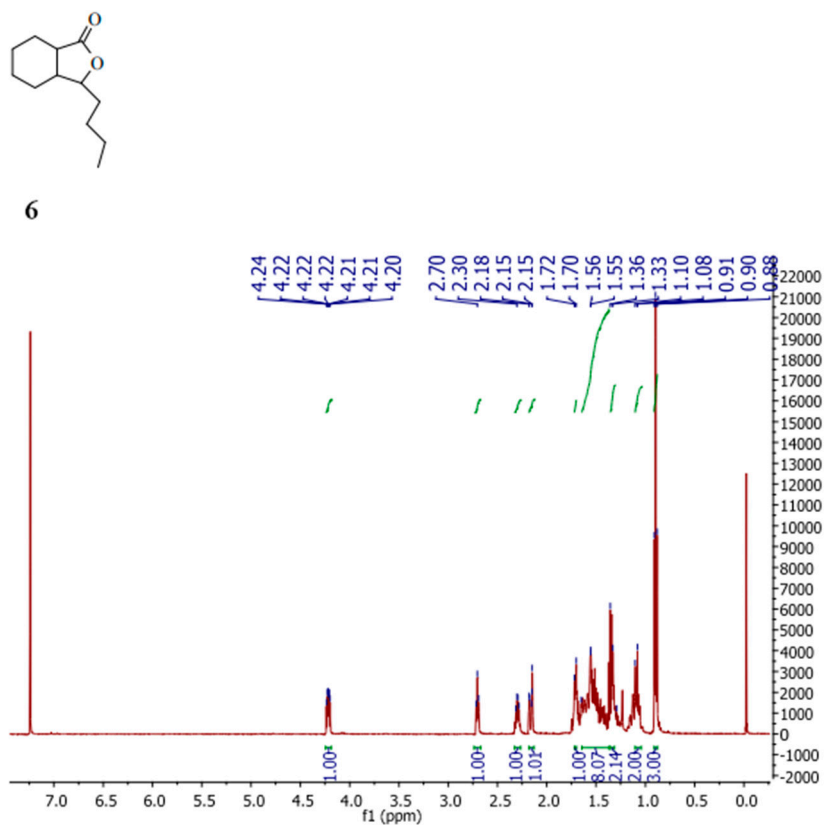


Figure S6a. ¹H NMR of 3-*n*-butyl-hexahydrophthalide (6).

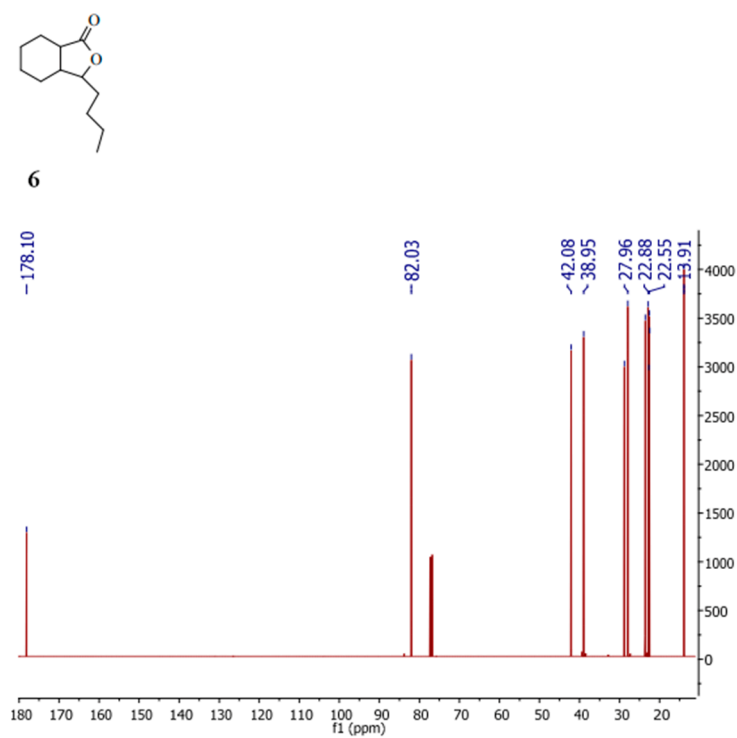


Figure S6b. ¹³C NMR of 3-*n*-butyl-hexahydrophthalide (6).

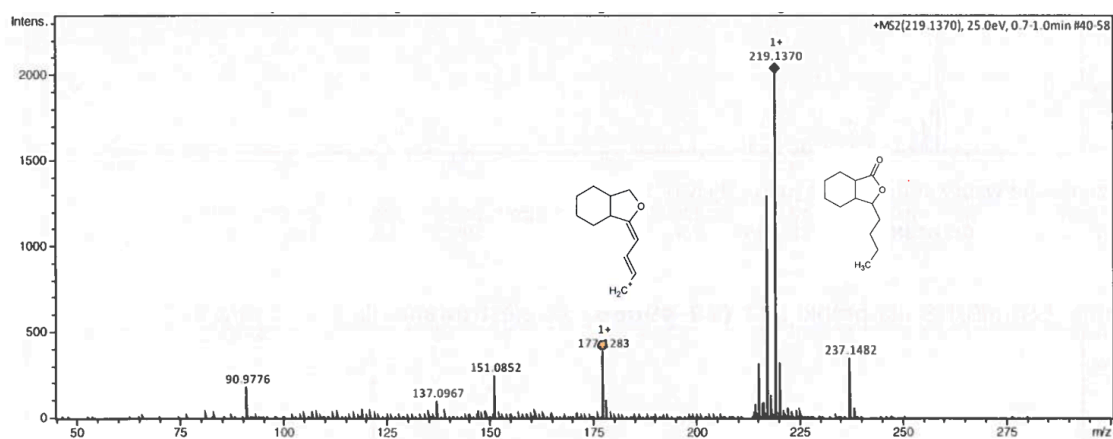


Figure S6c. HR-ESI-MS/MS of 3-*n*-butyl-hexahydrophthalide (6).

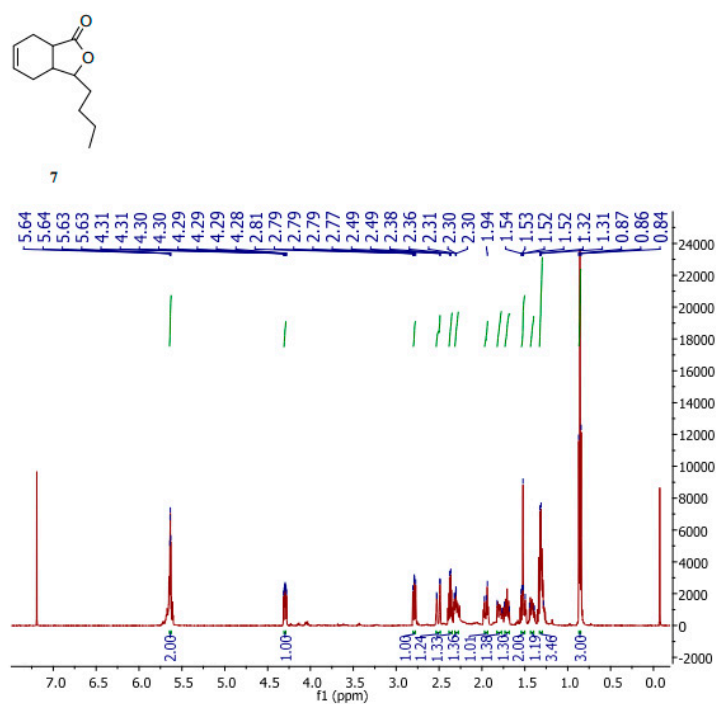


Figure S7a. ^1H NMR of 3-*n*-butyl-1,2,6,7-tetrahydrophthalide (7).

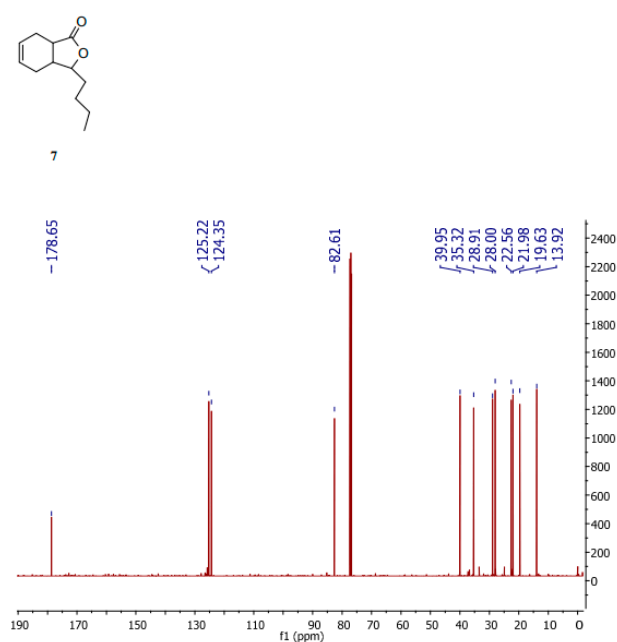


Figure S7b. ^{13}C NMR of 3-*n*-butyl-1,2,6,7-tetrahydrophthalide (7).

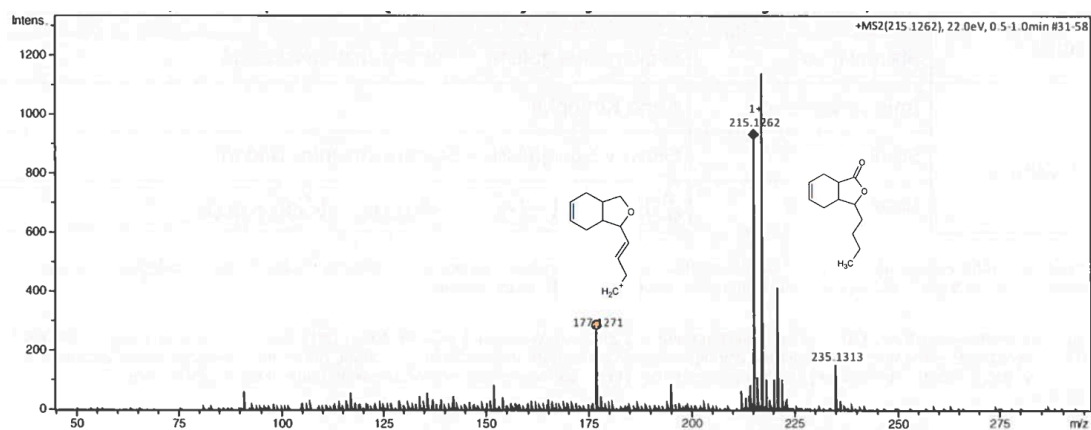


Figure S7c. HR-ESI-MS/MS of 3-*n*-Butyl-1,2,6,7-tetrahydrophthalide (7).