

# **An Exploration of Suzuki Aryl Cross Coupling Chemistry Involving**

## **[2.2]Paracyclophane Derivatives**

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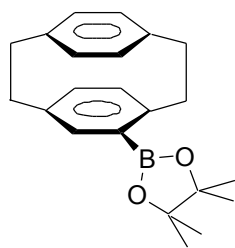
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### **SUPPORTING INFORMATION**

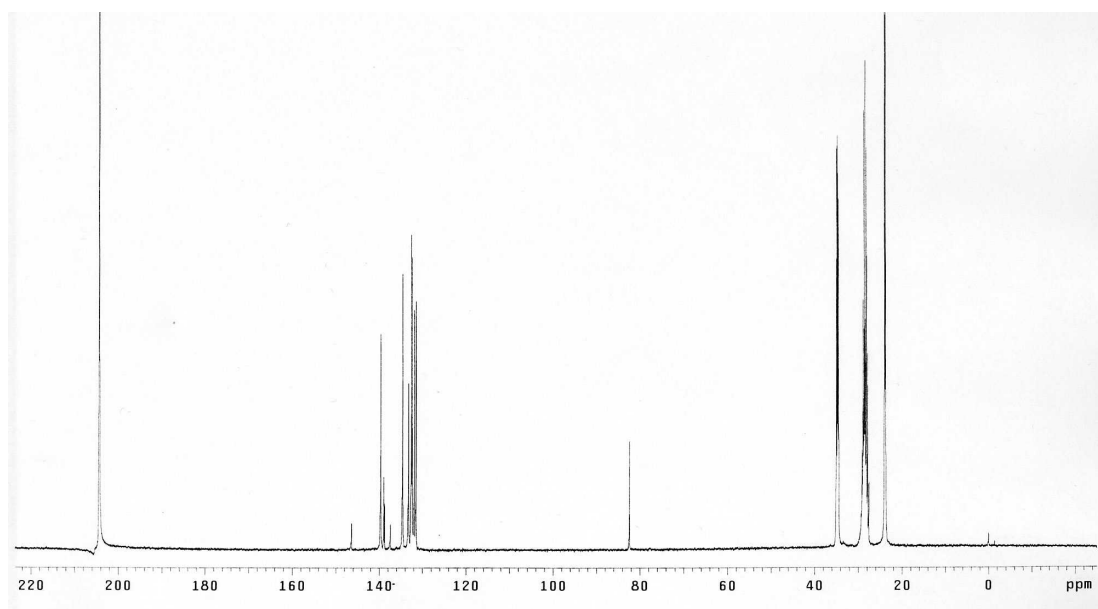
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$^{13}\text{C} / ^1\text{H}$ NMR data for Compound 3	S5
$^{13}\text{C} / ^1\text{H}$ NMR data for Compound 11	S6

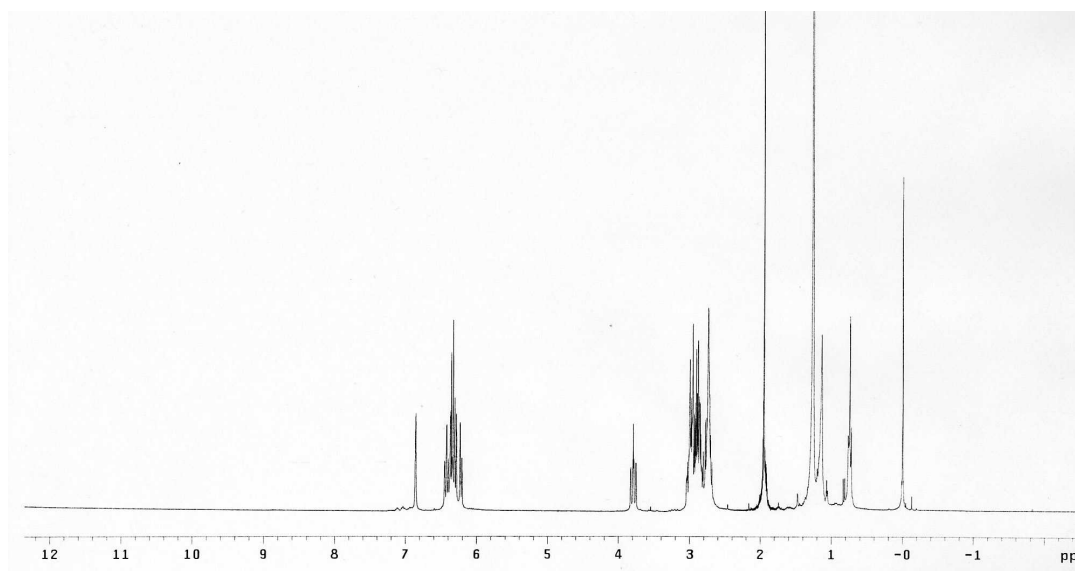
[2.2]Paracyclophanyl-4-Boronic acid Pinacol Ester (9)



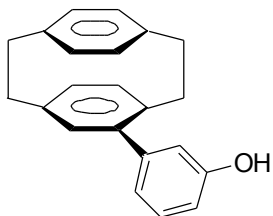
$^{13}\text{C}$  NMR



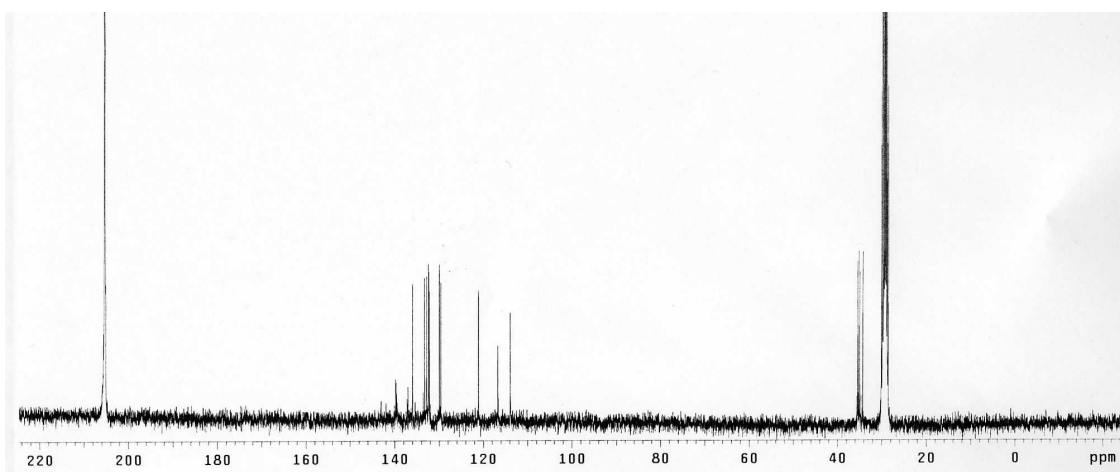
$^1\text{H}$  NMR



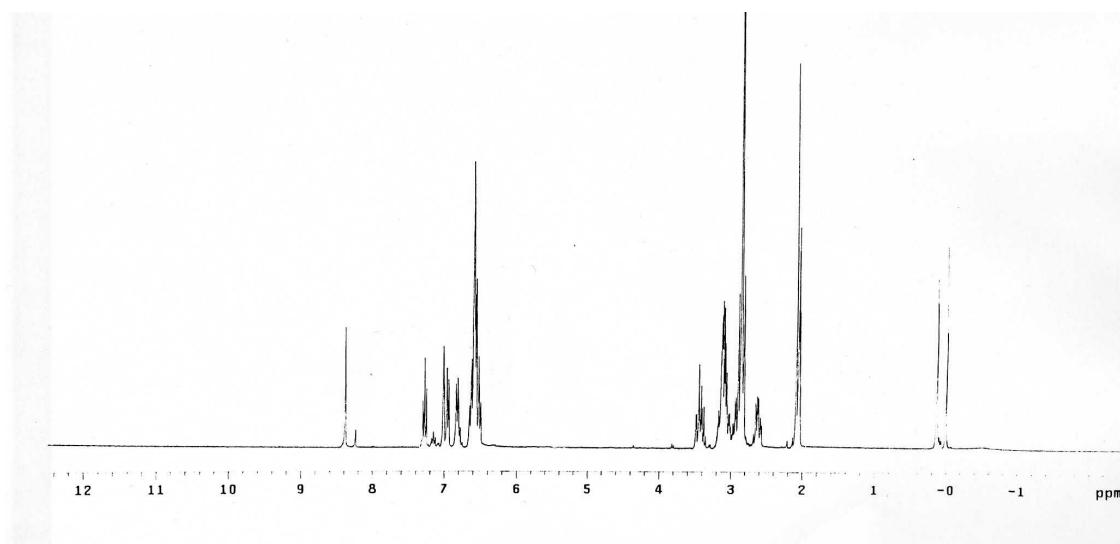
4-(3-Hydroxyphenyl)[2.2]Paracyclophane (5)



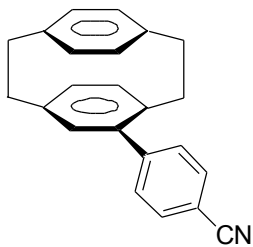
$^{13}\text{C}$  NMR



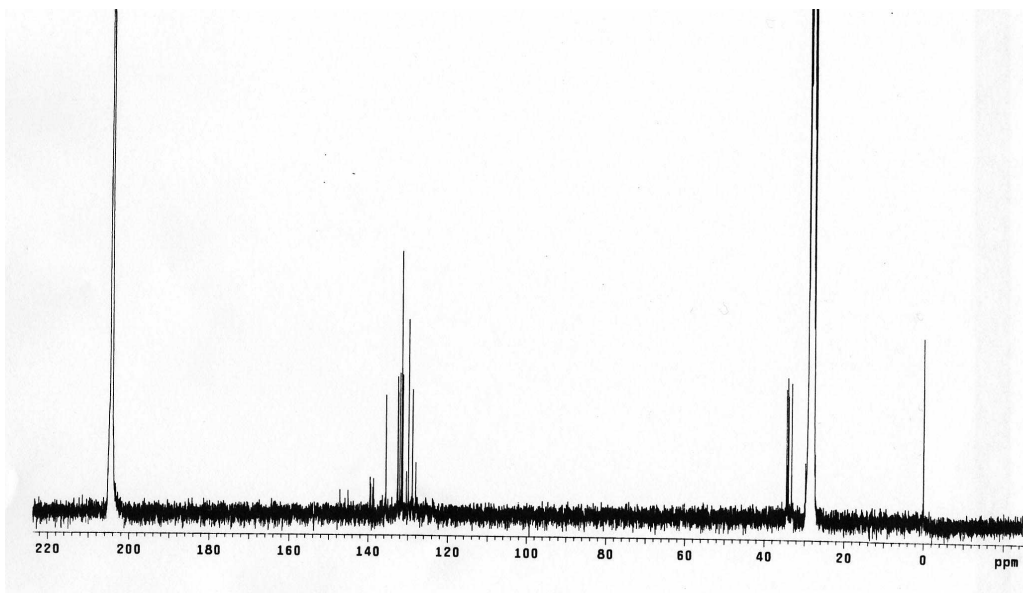
$^1\text{H}$  NMR



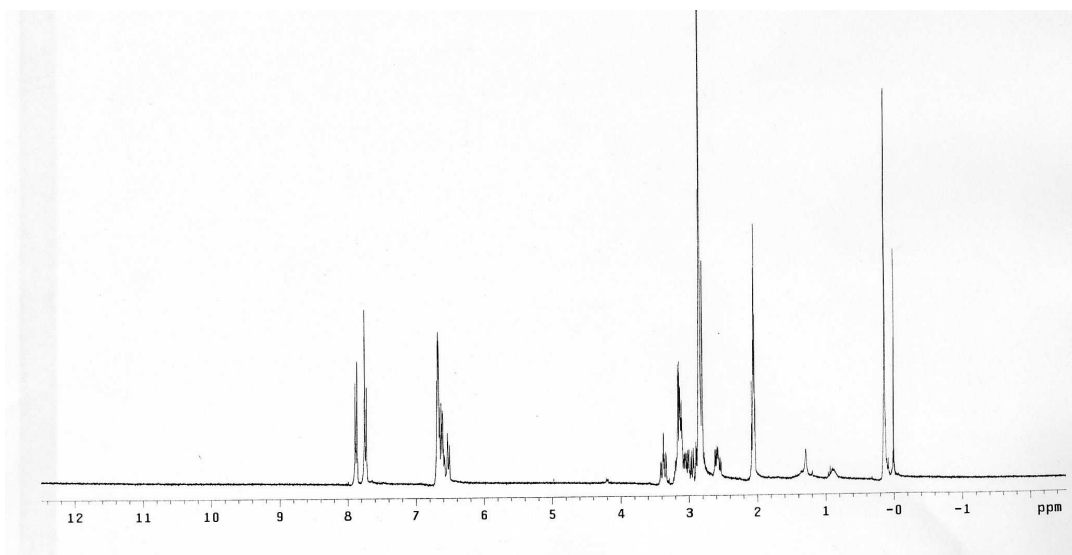
4-(4-Cyanophenyl)[2.2]Paracyclophane (4)



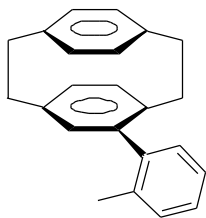
$^{13}\text{C}$  NMR



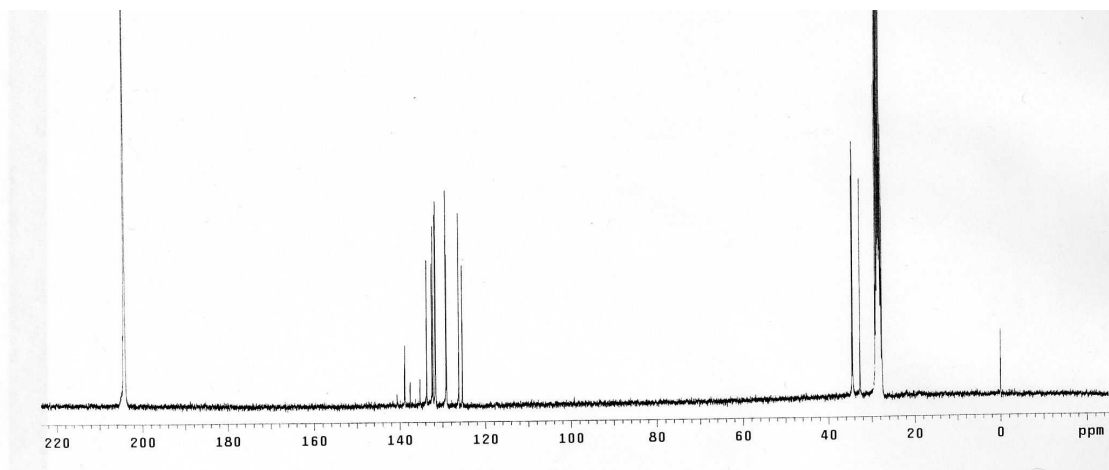
$^1\text{H}$  NMR



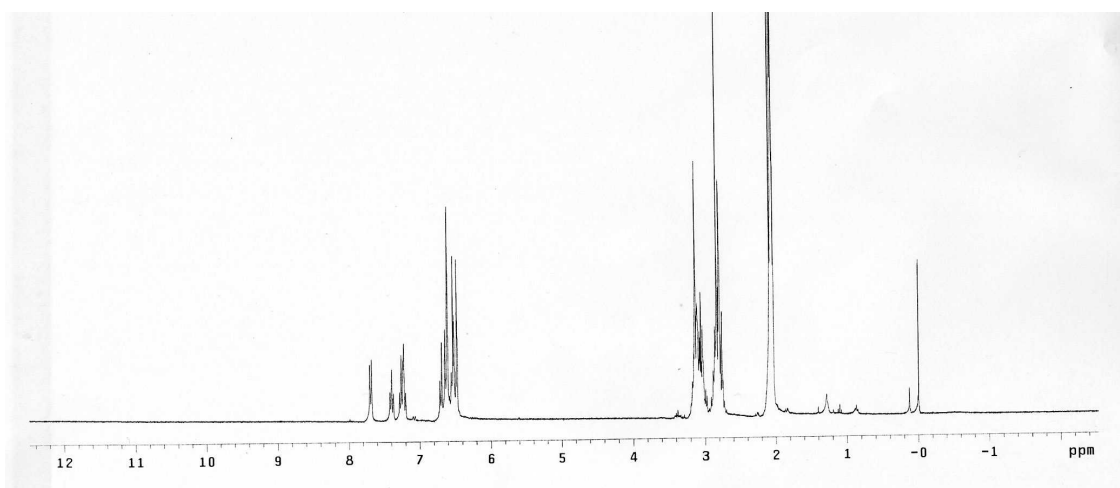
4-(2-Methylphenyl)[2.2]Paracyclophane (3)



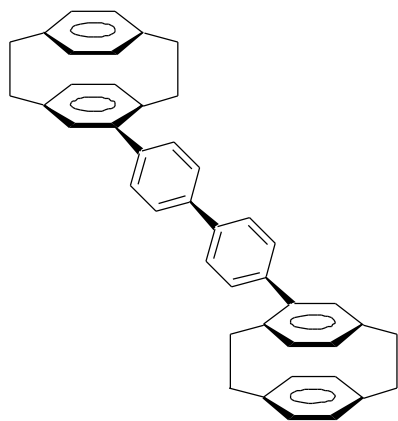
$^{13}\text{C}$  NMR



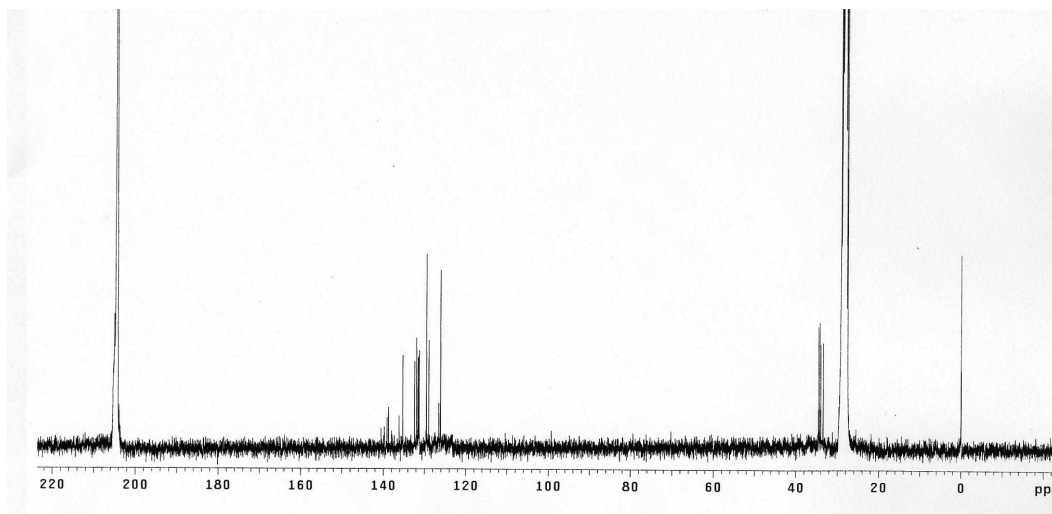
$^1\text{H}$  NMR



4,4'-Bis([2.2]Paracyclophan-4-yl)Biphenyl (11)



$^{13}\text{C}$  NMR



$^1\text{H}$  NMR

