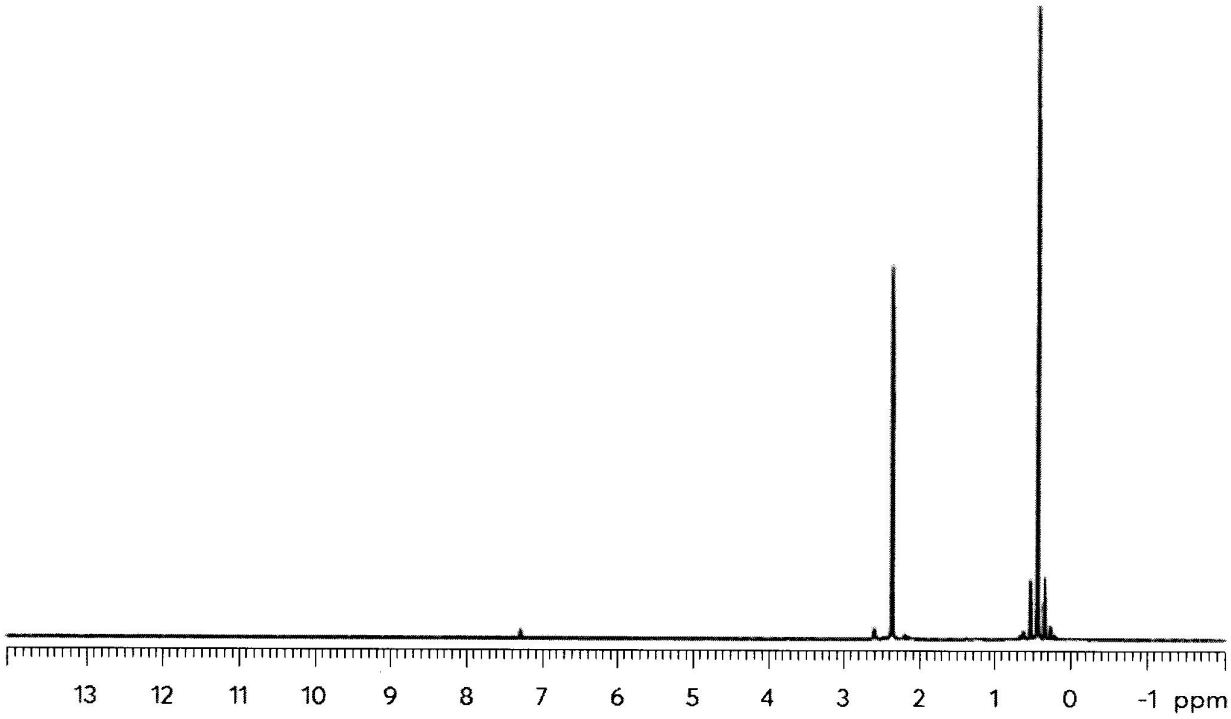


Figure 1: NMR spectrum of Me_3SnNMe_2

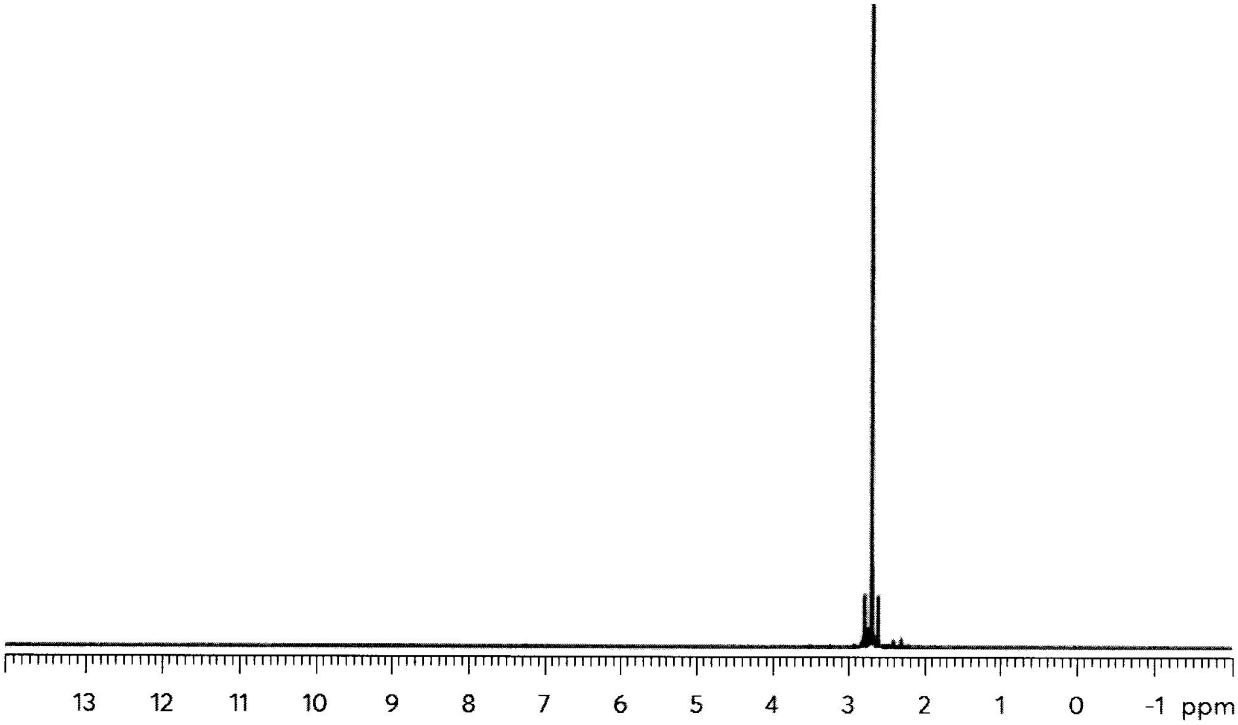


Figure 2: NMR spectrum of $Sn(NMe_2)_4$

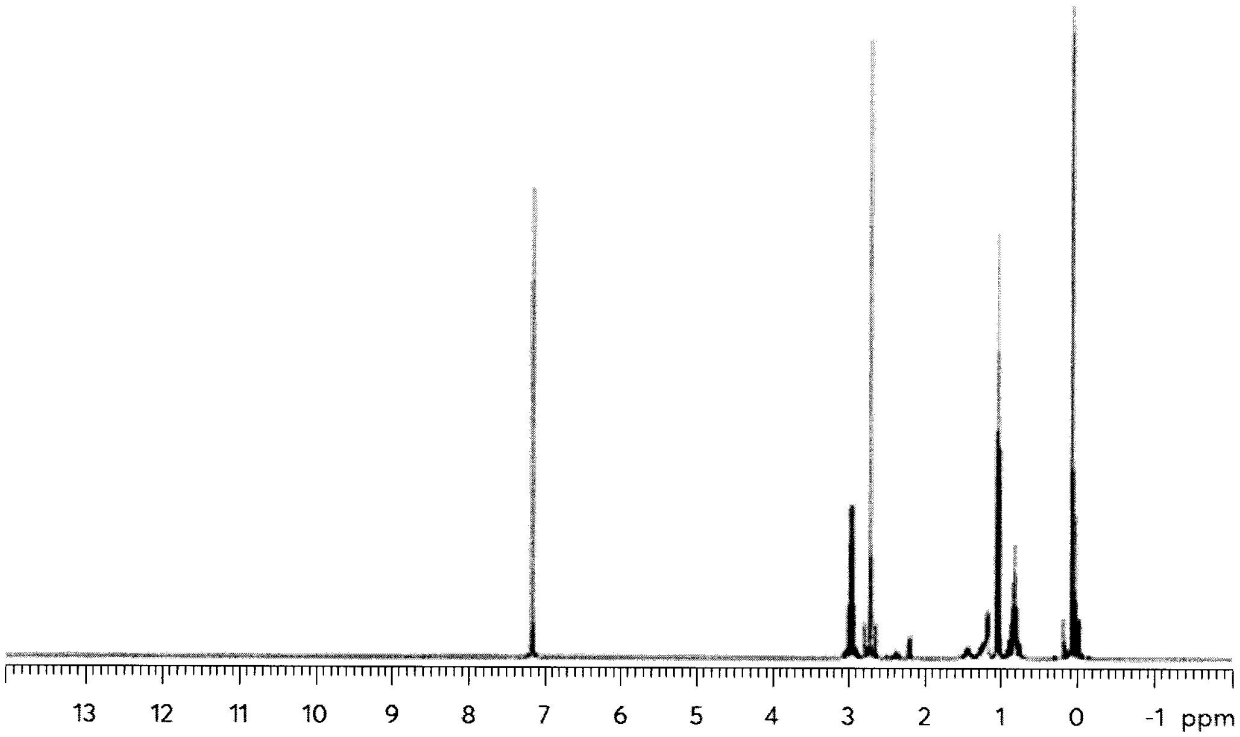


Figure 3: NMR of $Me_2Sn(NEtMe)_2$

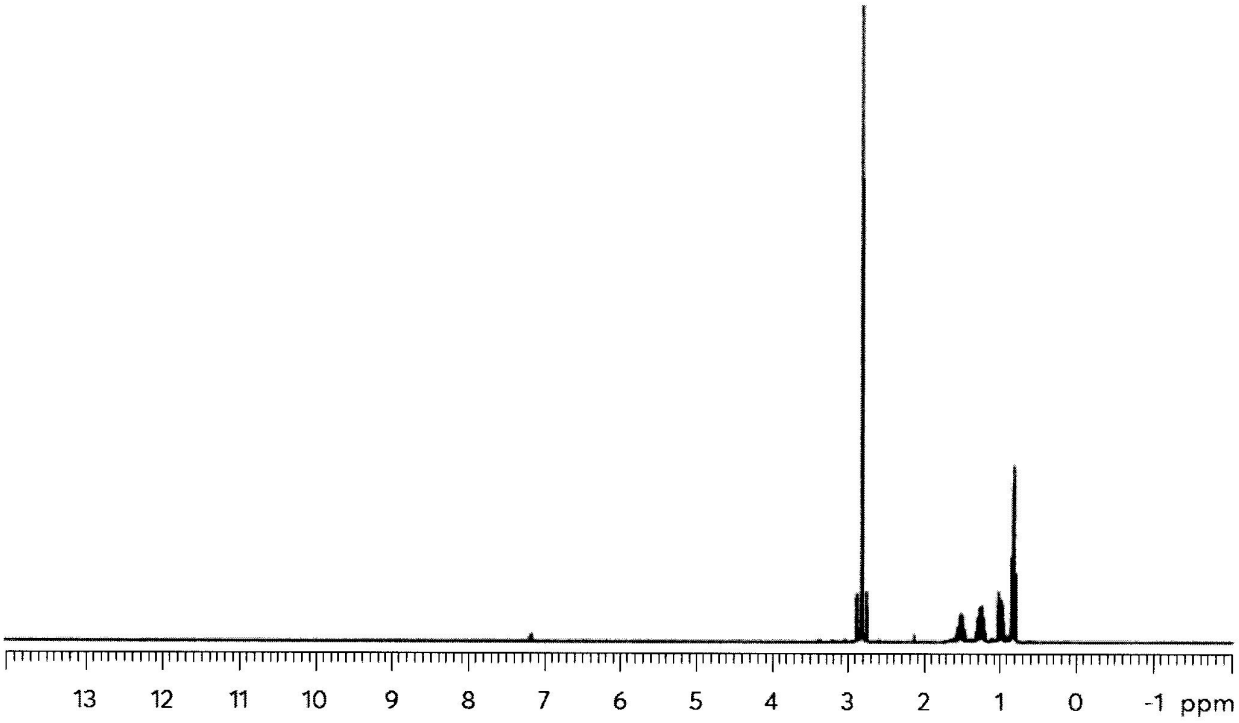


Figure 4: NMR of $Bu_2Sn(NMe_2)_2$

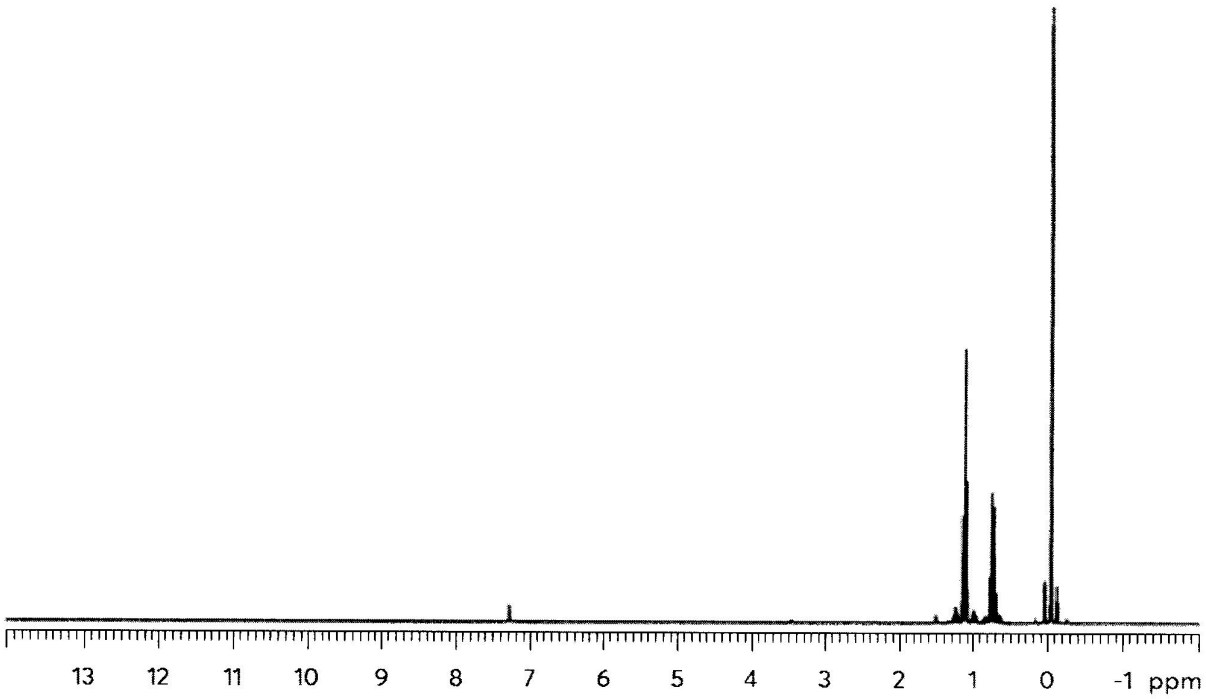


Figure 5: NMR of Me_2SnEt_2

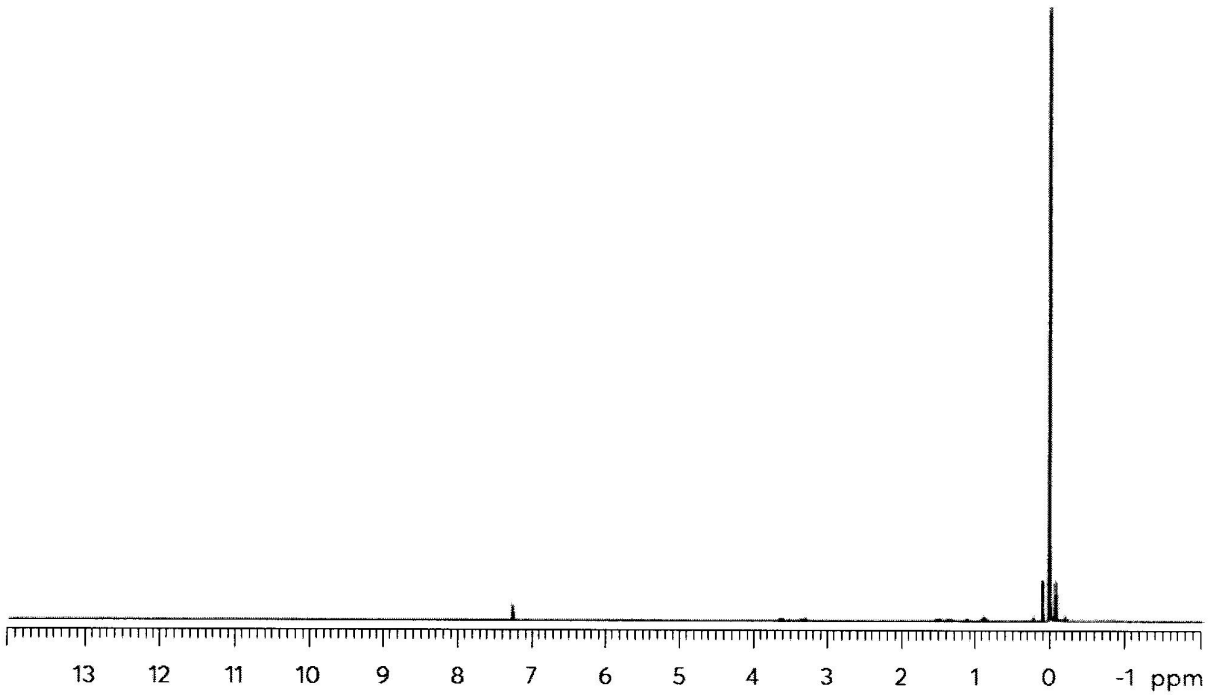


Figure 6 : NMR of Me_4Sn

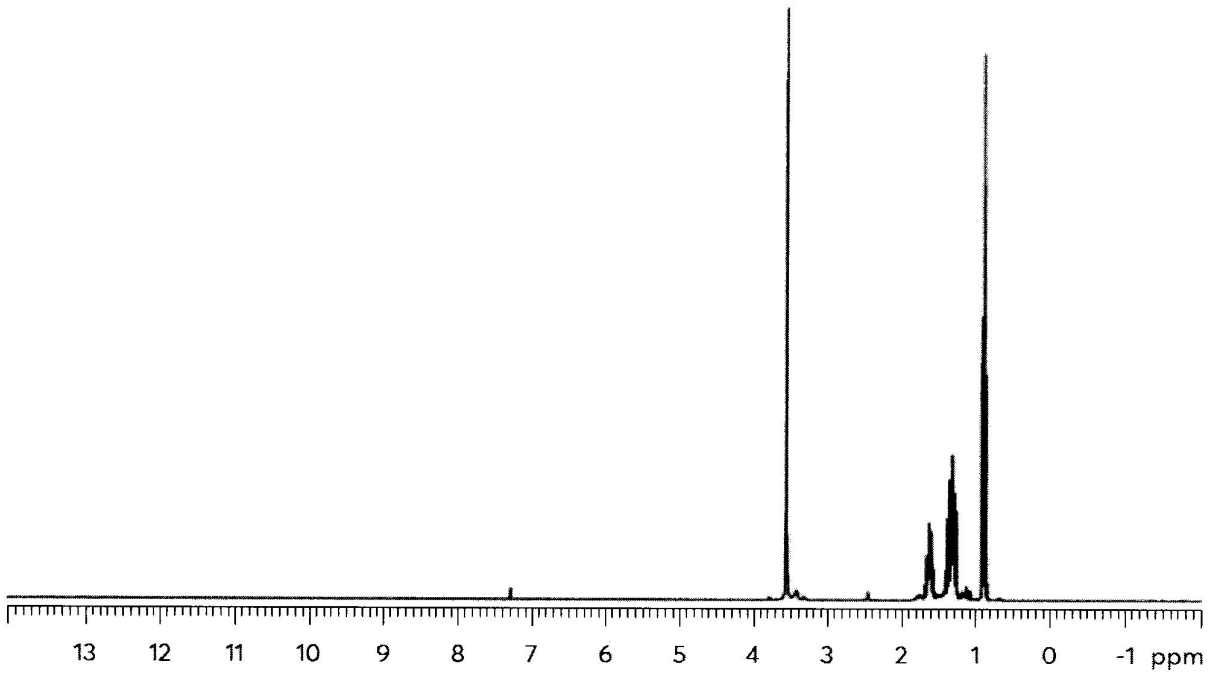


Figure 7 : NMR of $Bu_2Sn(OMe)_2$

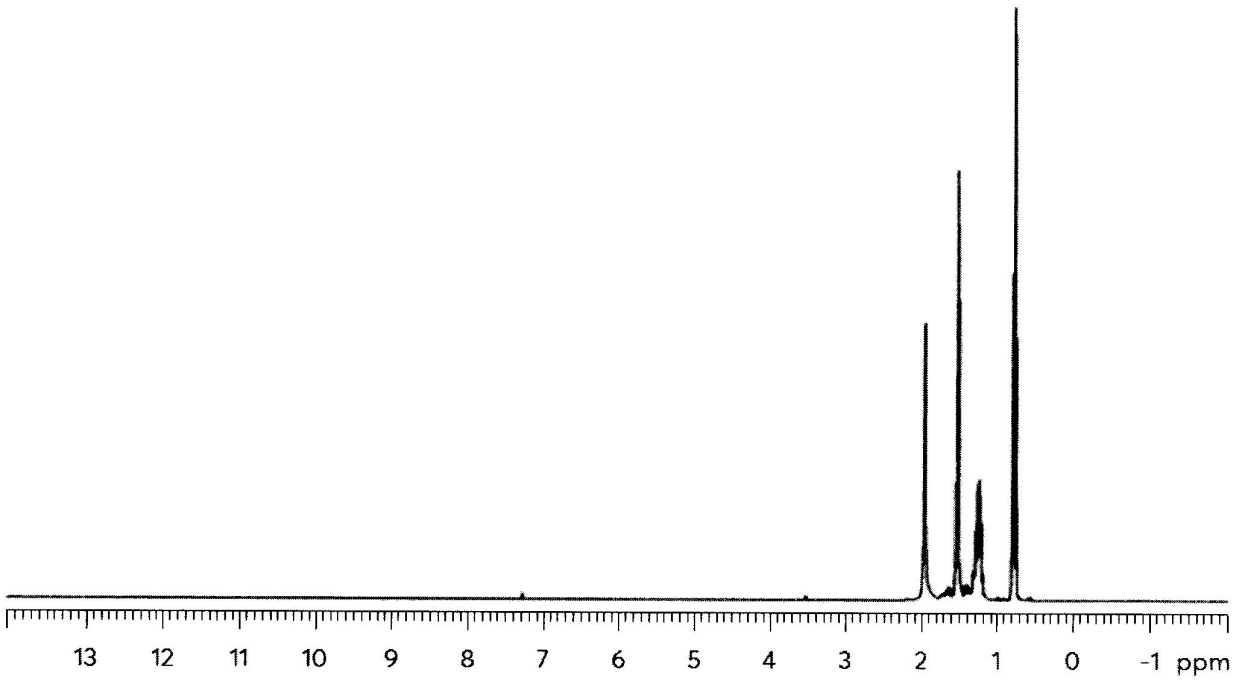


Figure 8 : NMR of $Bu_2Sn(OAc)_2$

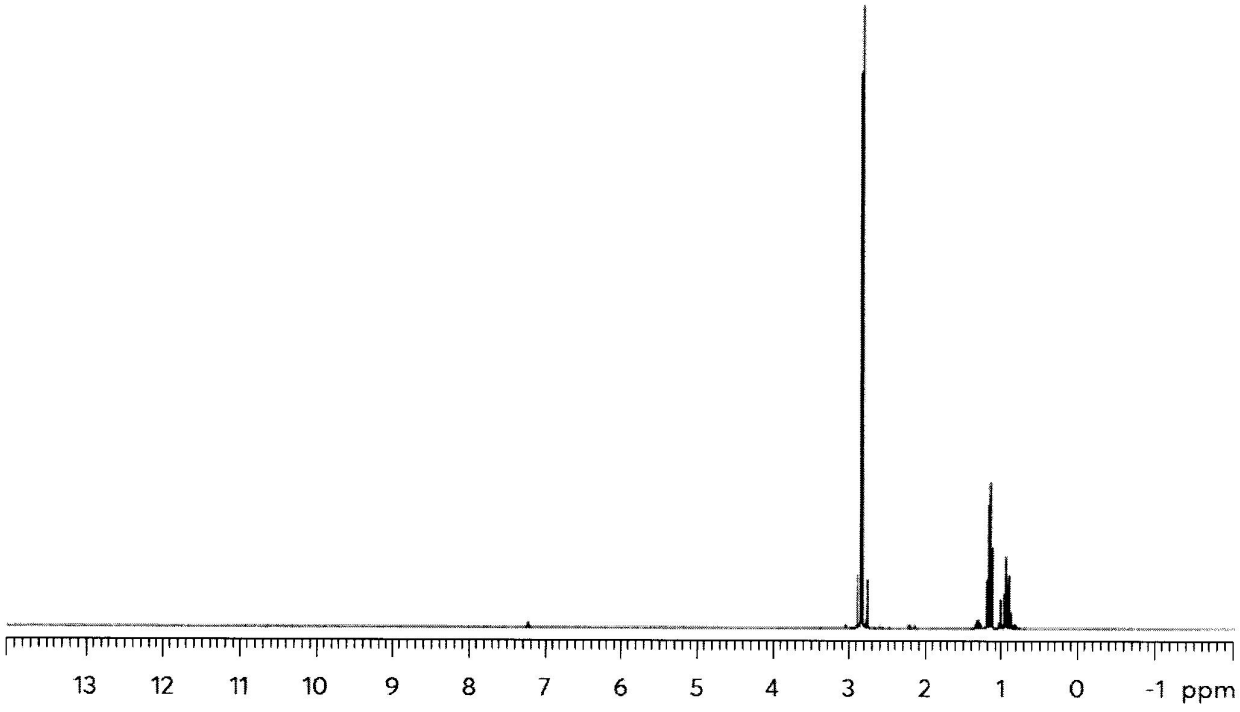


Figure 9 : NMR of $Et_2Sn(NMe_2)_2$

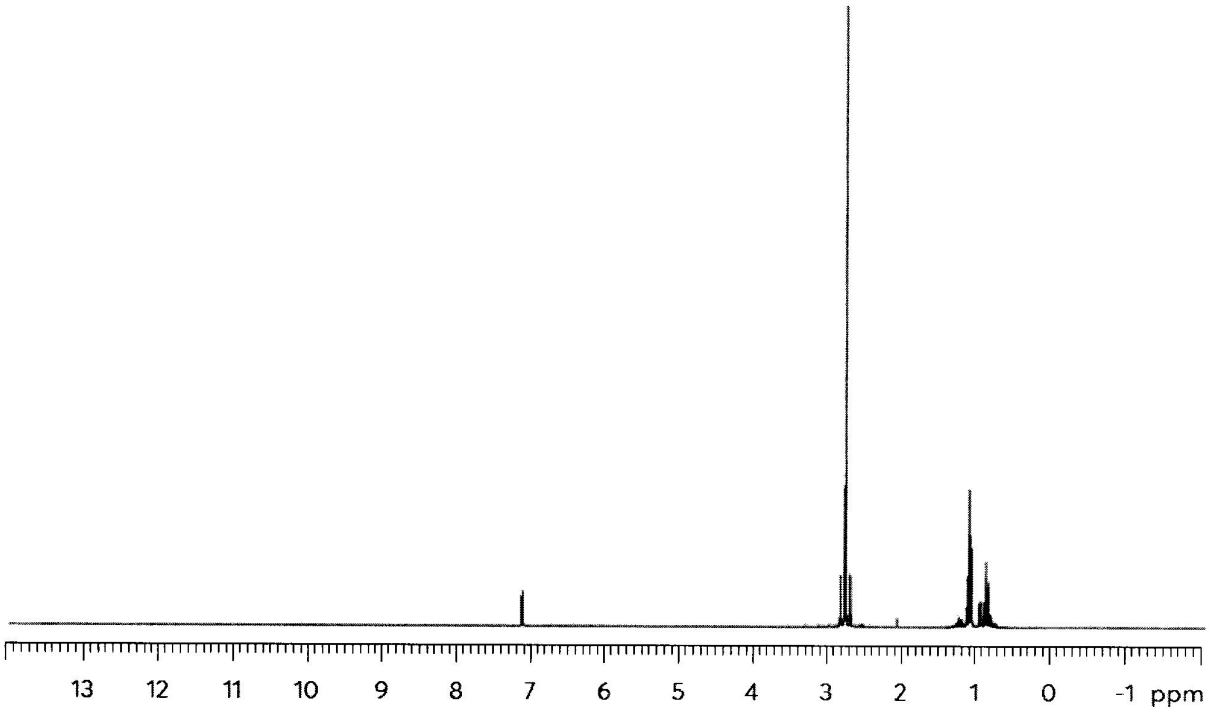


Figure 10: NMR of $Me_2Sn(NEt_2)_2$

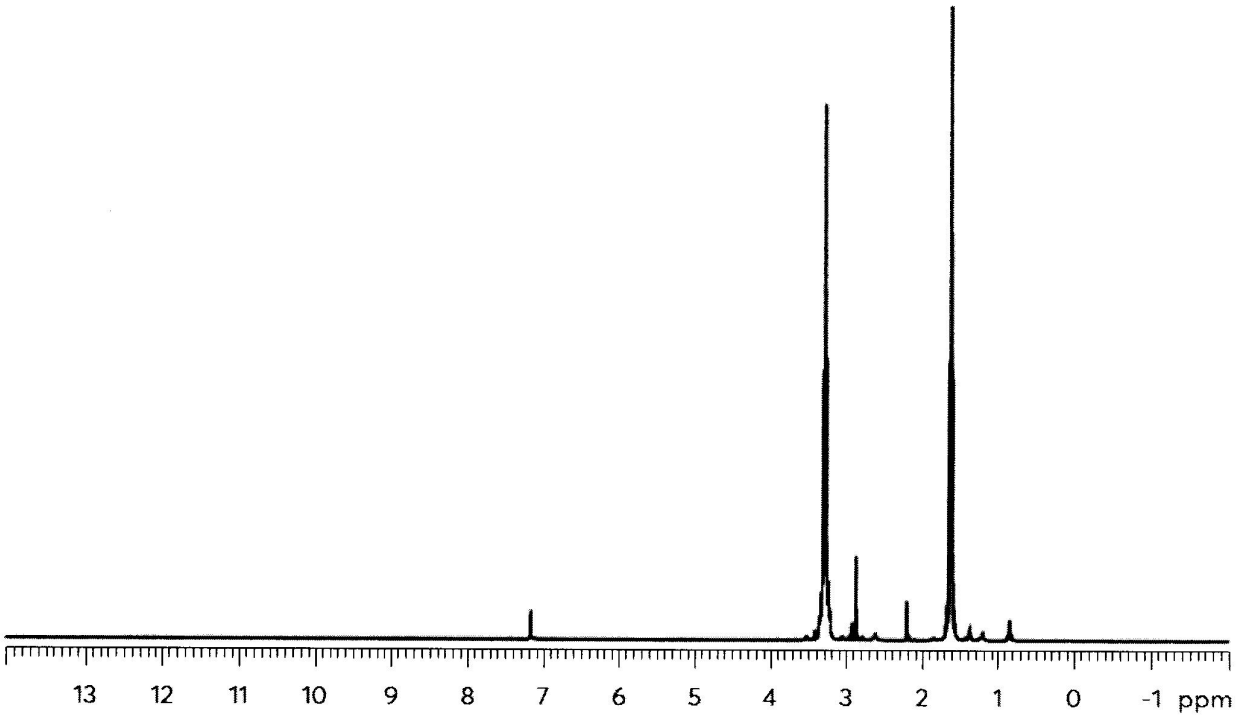


Figure 11: NMR of $Sn(Pyrrolodinyl)_4$

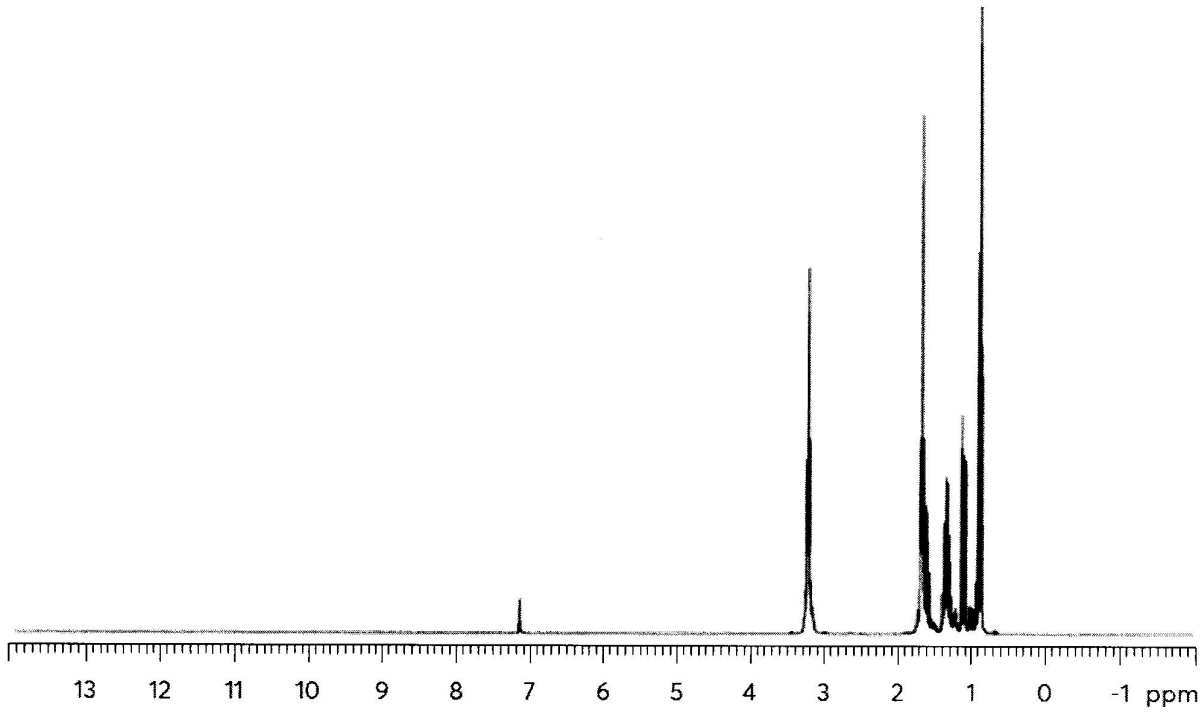


Figure 12: NMR of $Bu_2Sn(Pyrrolodinyl)_2$

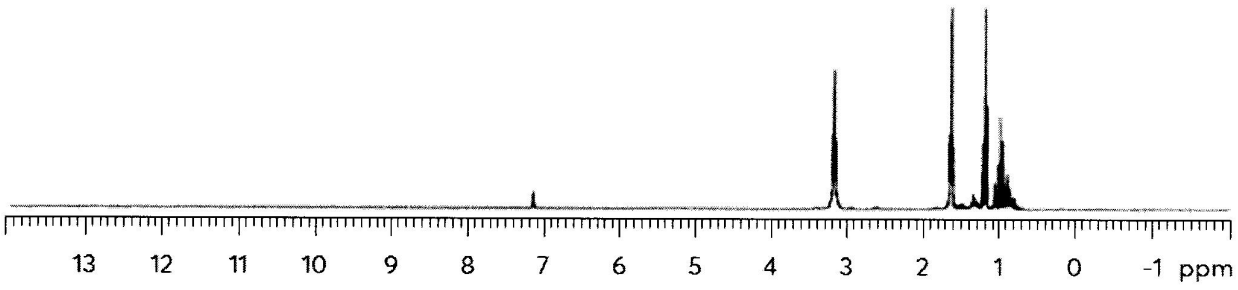


Figure 13: NMR of $Et_2Sn(Pyrrolodinyl)_2$

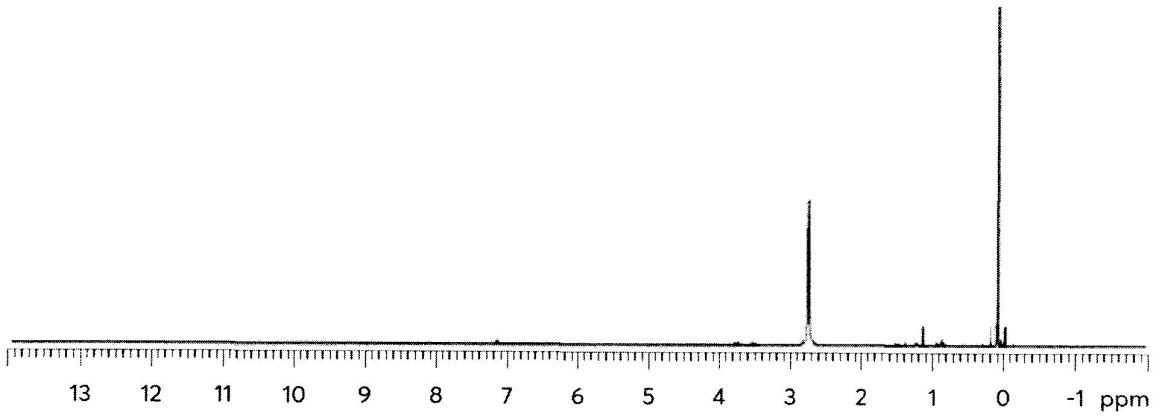


Figure 14 : NMR of $Me_2Sn(NMe_2)_2$

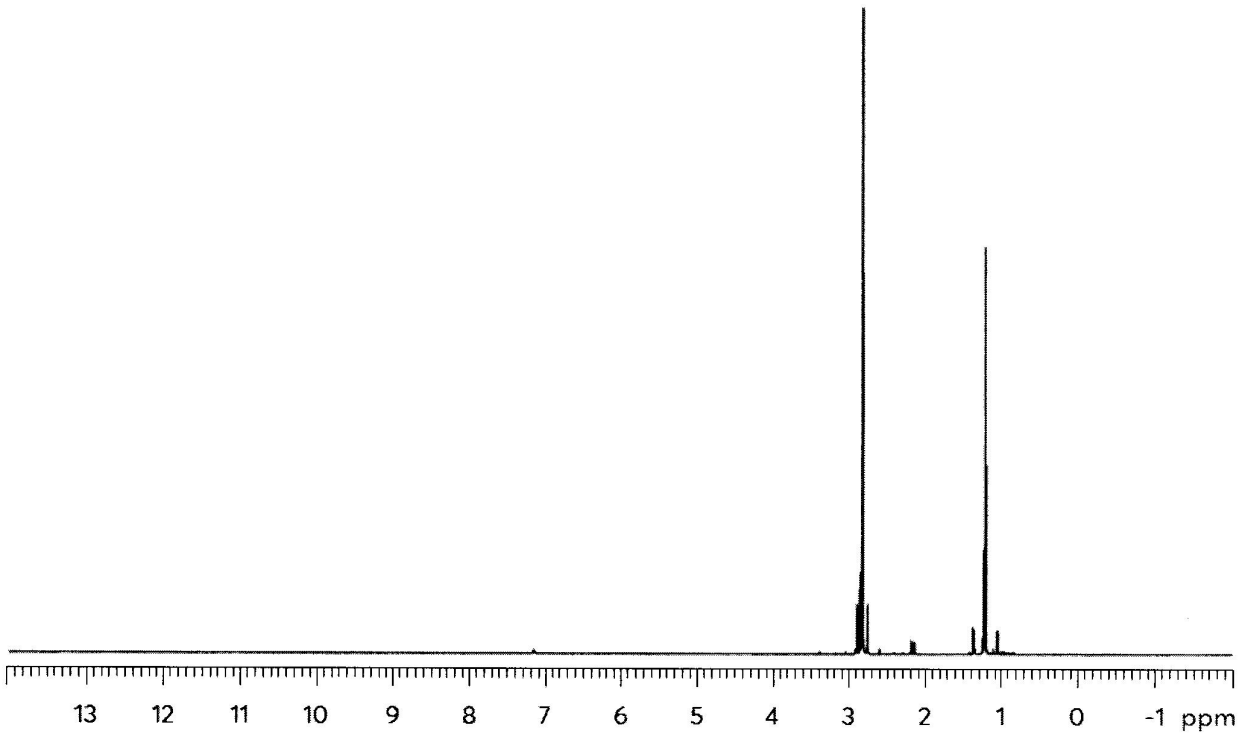


Figure 15: NMR of $tBuSn(NMe_2)_3$

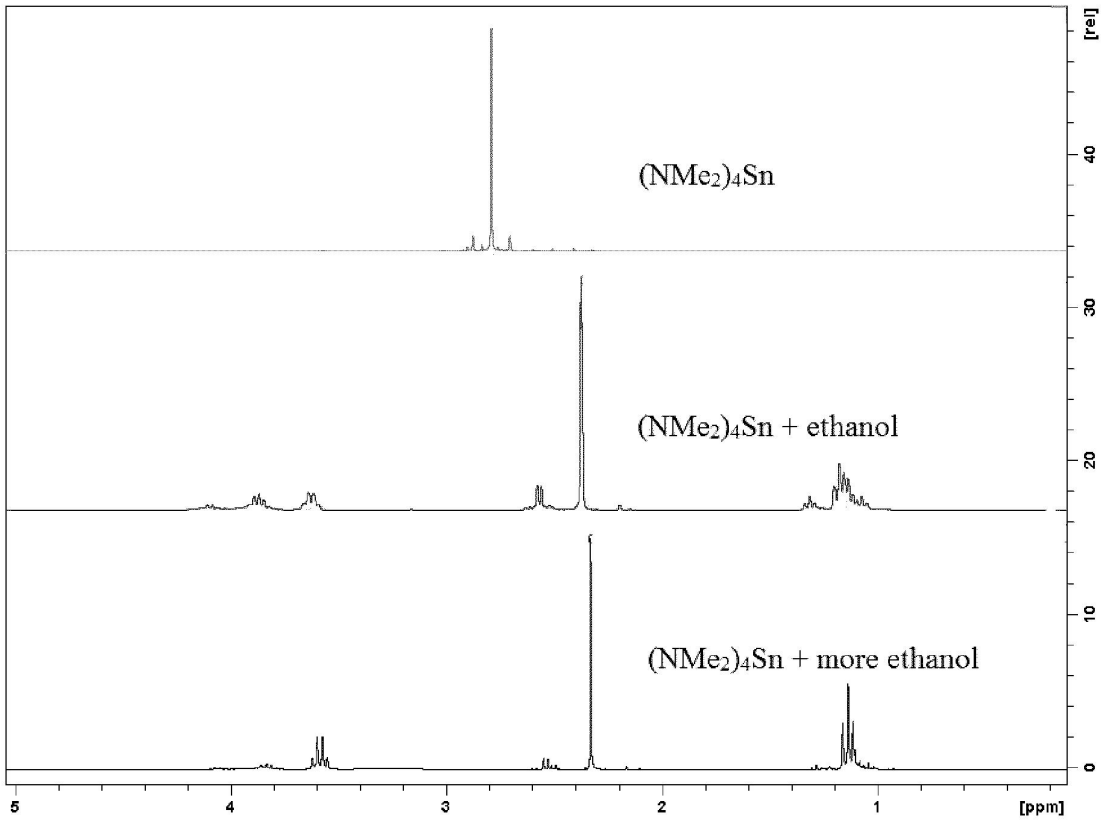


Figure 16. NMR of the reaction of $(NMe2)_4Sn$ with ethanol

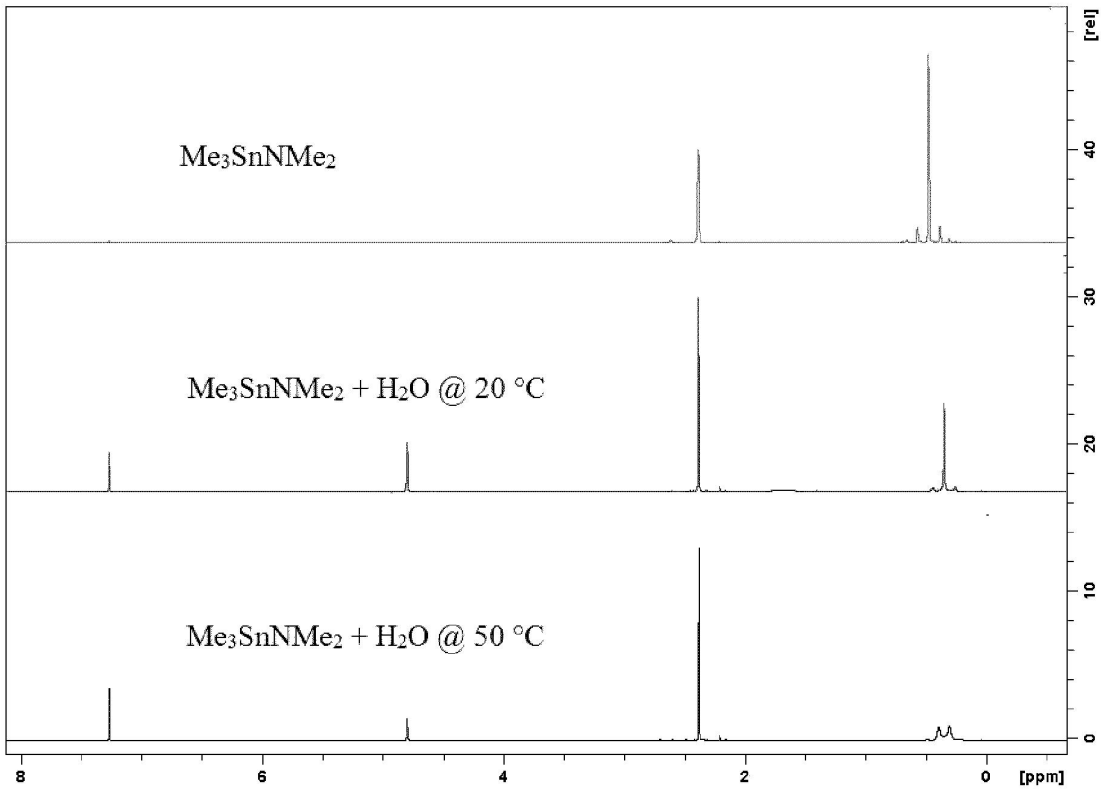


Figure 17. NMR of the reaction of Me_3SnNMe_2 with water.

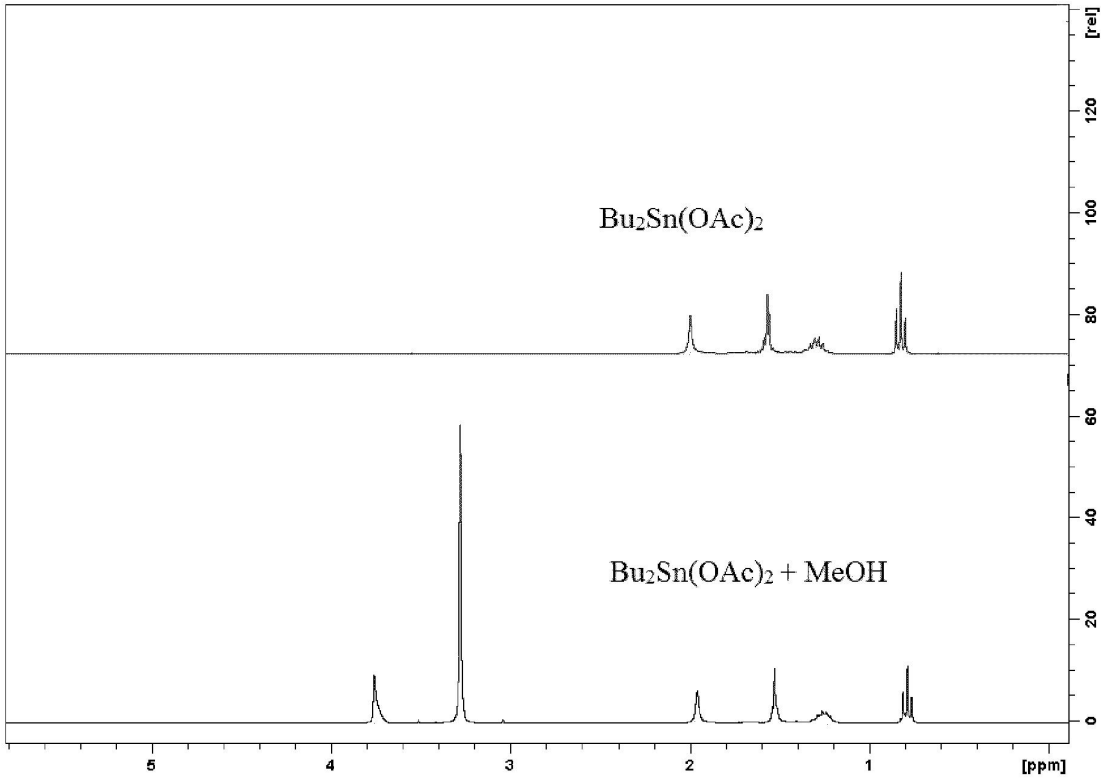


Figure 18. NMR of the reaction of $Bu_2Sn(OAc)_2$ with methanol.

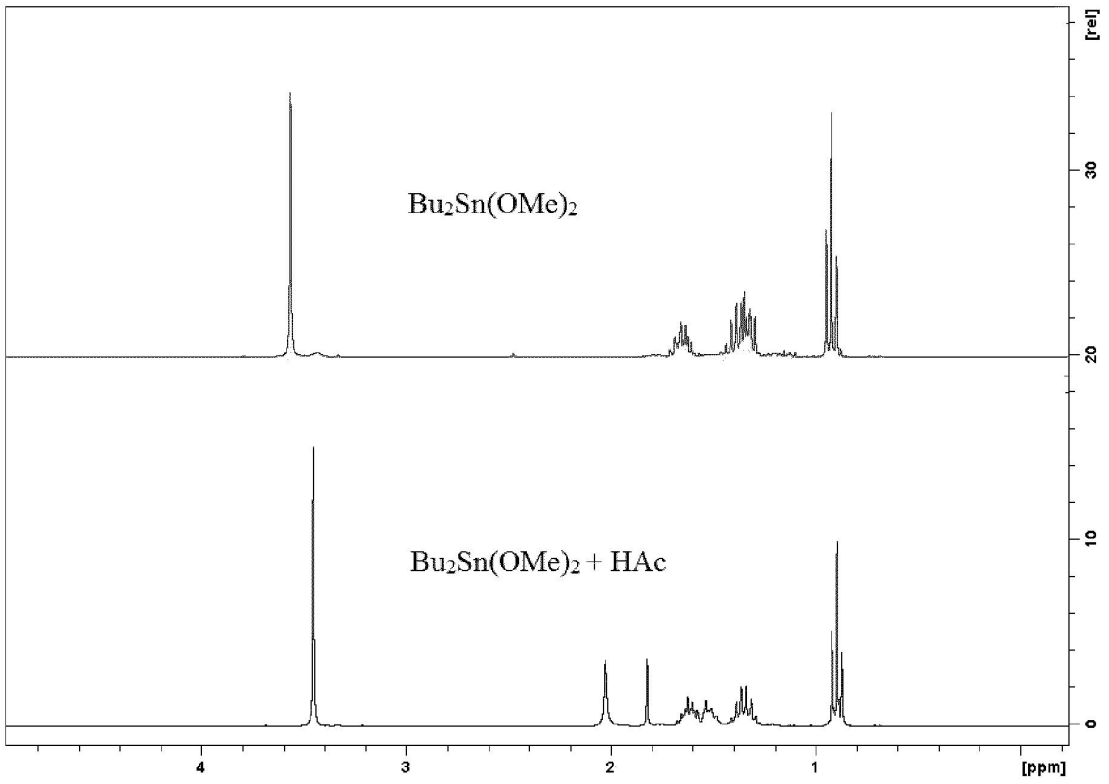


Figure 19. NMR of the reaction of $Bu_2Sn(OMe)_2$ with acetic acid.

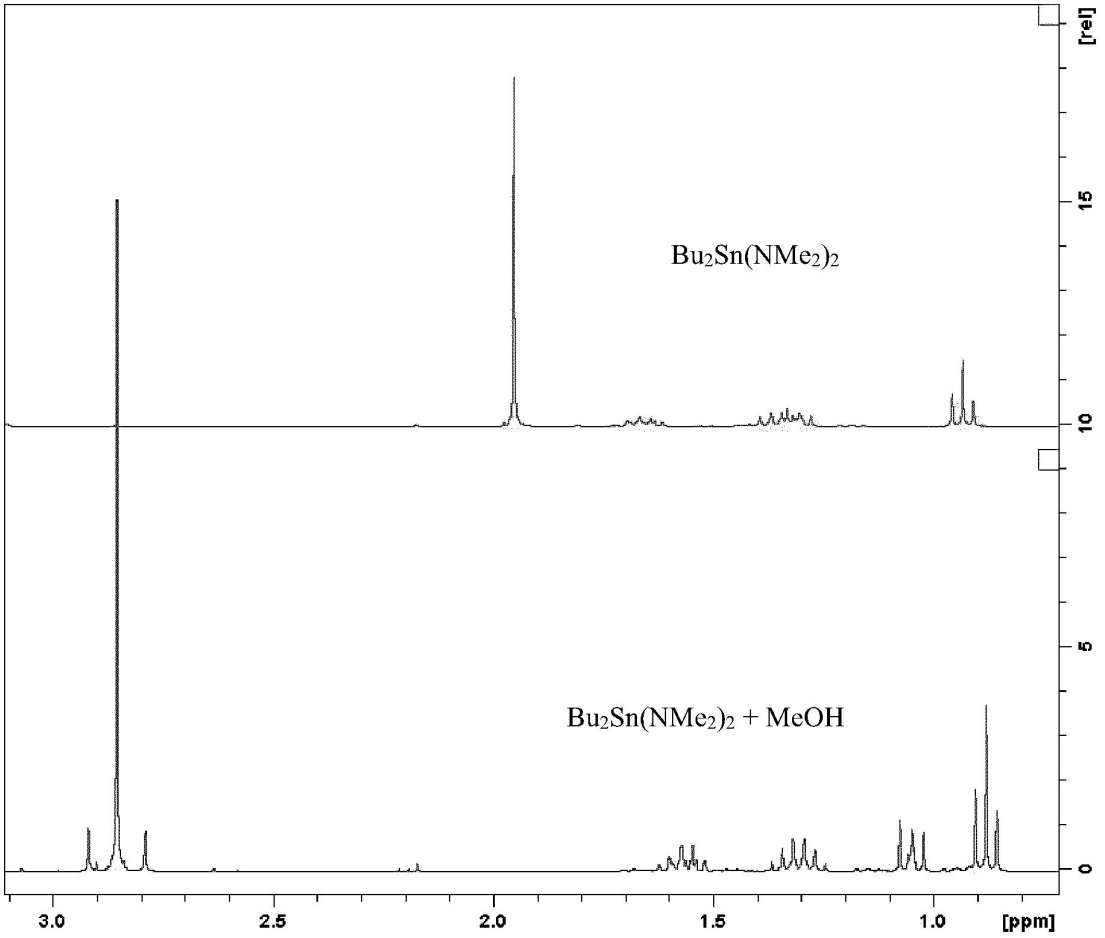


Figure 20. NMR of the reaction of $Bu_2Sn(NMe_2)_2$ with Methanol.

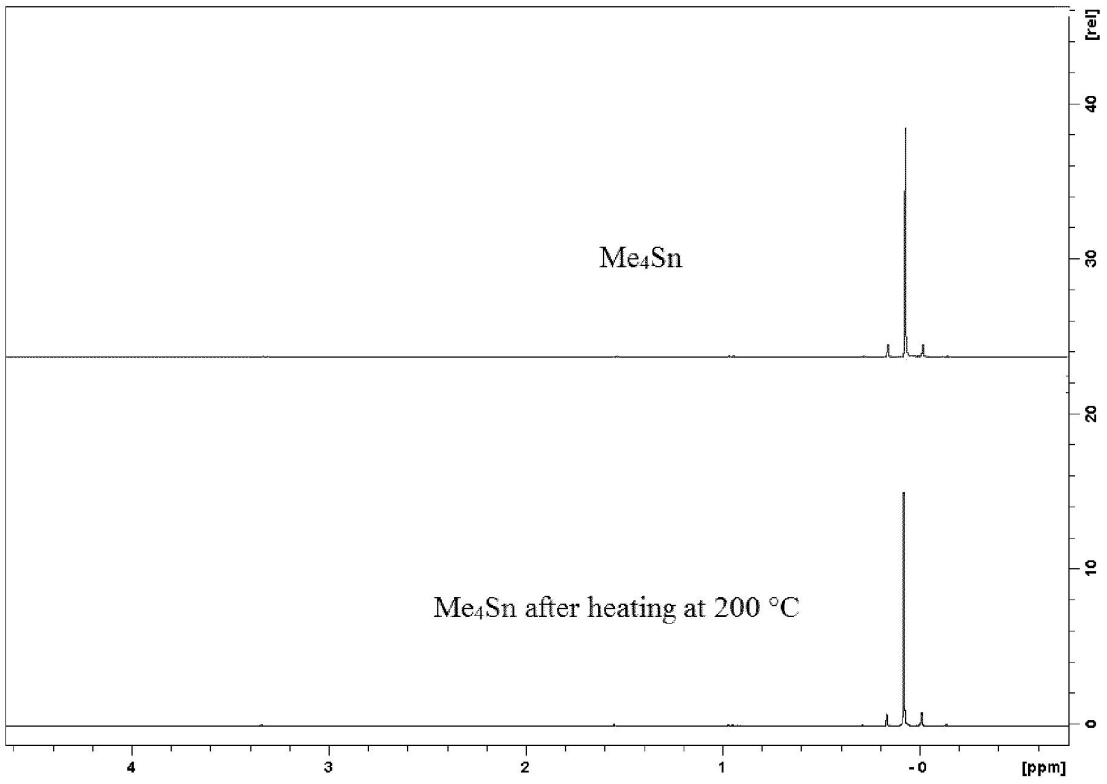


Figure 21. NMR of Me_4Sn before and after heating at 200 °C

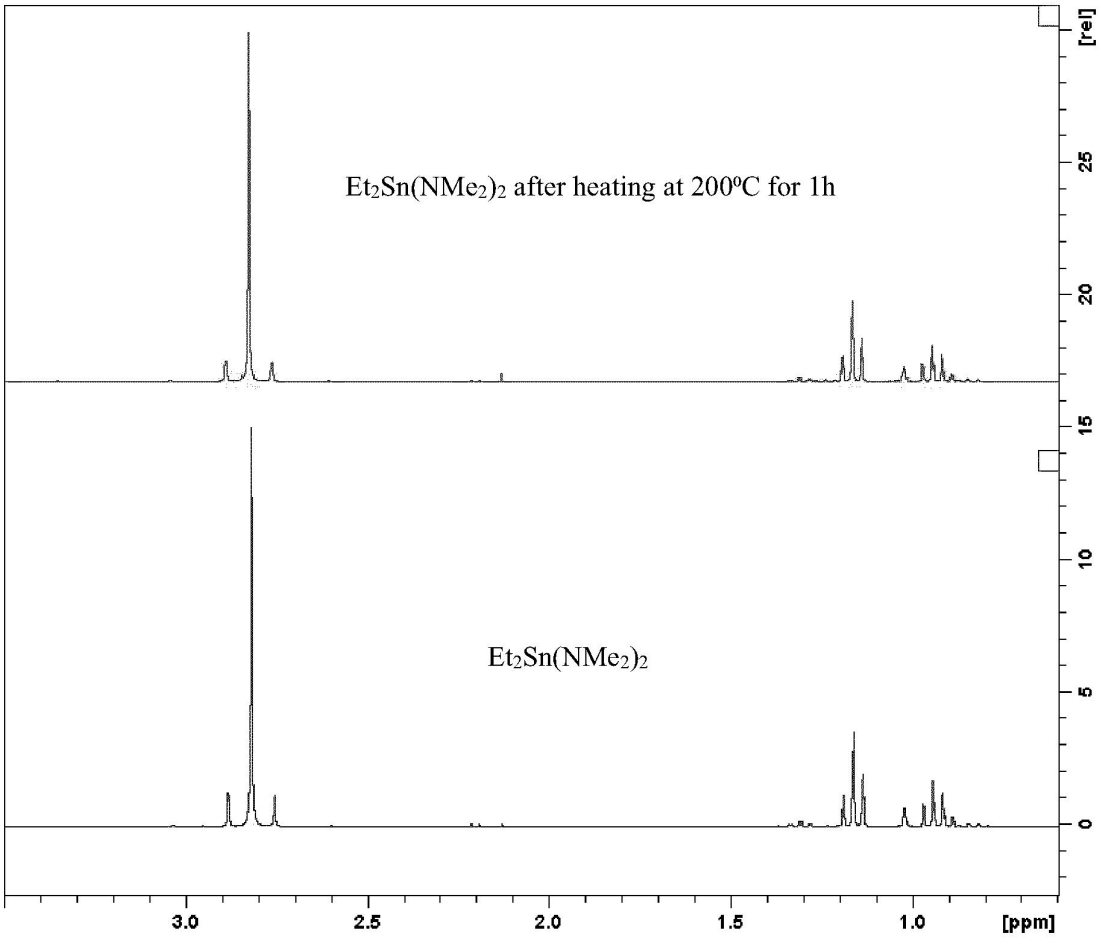


Figure 22. NMR of $Et_2Sn(NMe_2)_2$ before and after heating at 200 °C

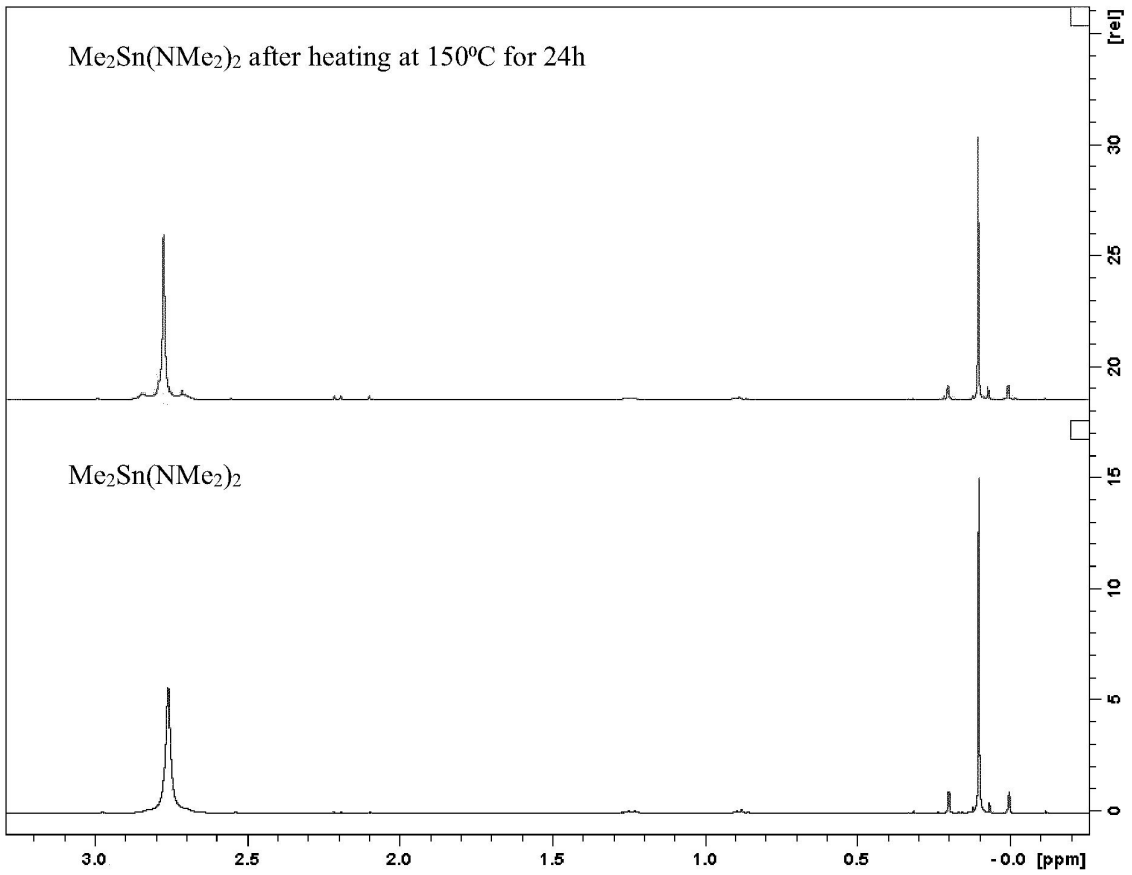


Figure 23. NMR of $Me_2Sn(NMe_2)_2$ before and after heating at 150 °C

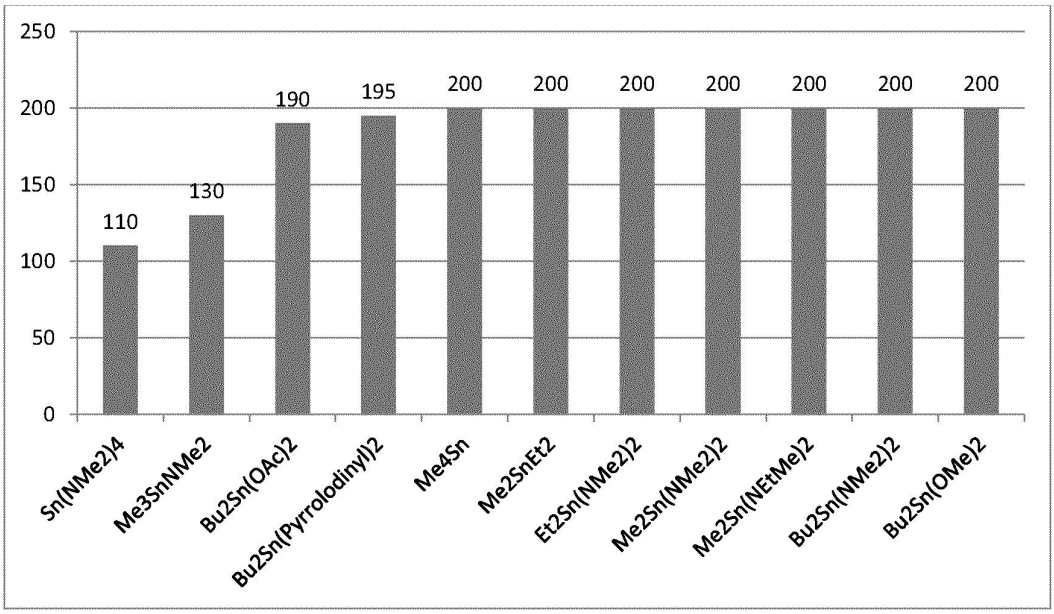
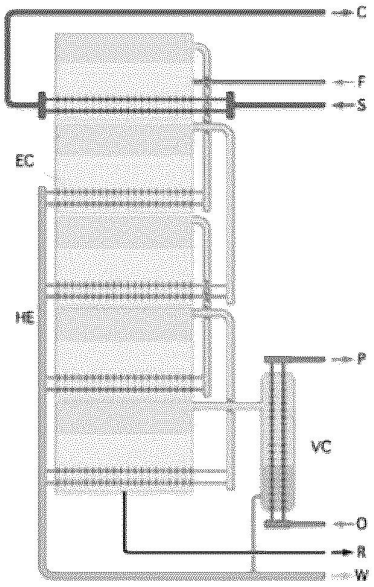


Figure 24. Decomposition temperature of illustrative compounds of Formula I.



Schematic of a multiple effect desalination plant. The first stage is at the top. Pink areas are vapor, lighter blue areas are liquid feed material. Stronger turquoise is condensate. It is not shown how feed material enters other stages than the first. F - feed in. S - heating steam in. C - heating steam out. W – purified material (condensate) out. R – waste material out. O - coolant in. P - coolant out. VC is the last-stage cooler.

Figure 25. Multistage Distillation Example