

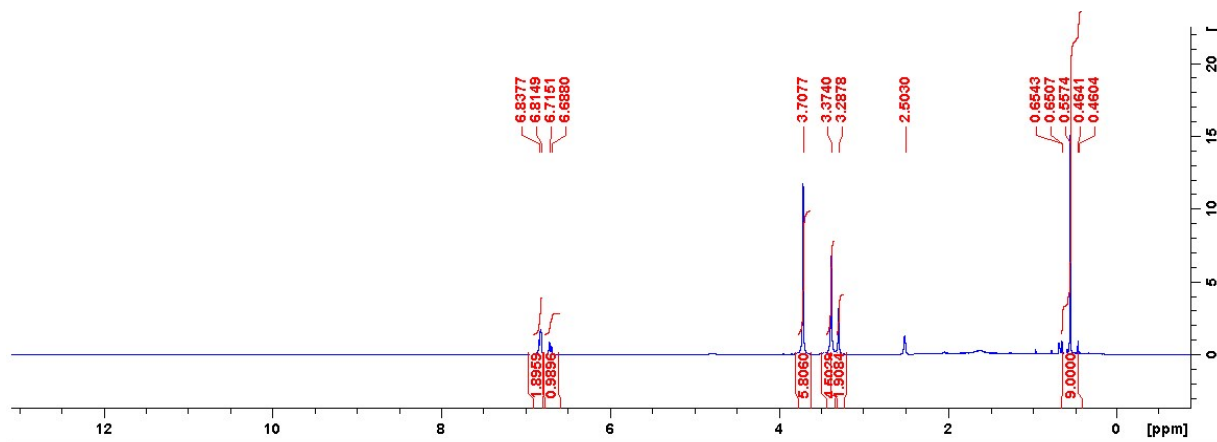
**Supporting information**

**New Triorganotin(IV) Compounds with Aromatic Carboxylate Ligands: Synthesis and  
Evaluation of Pro-apoptotic Mechanism**

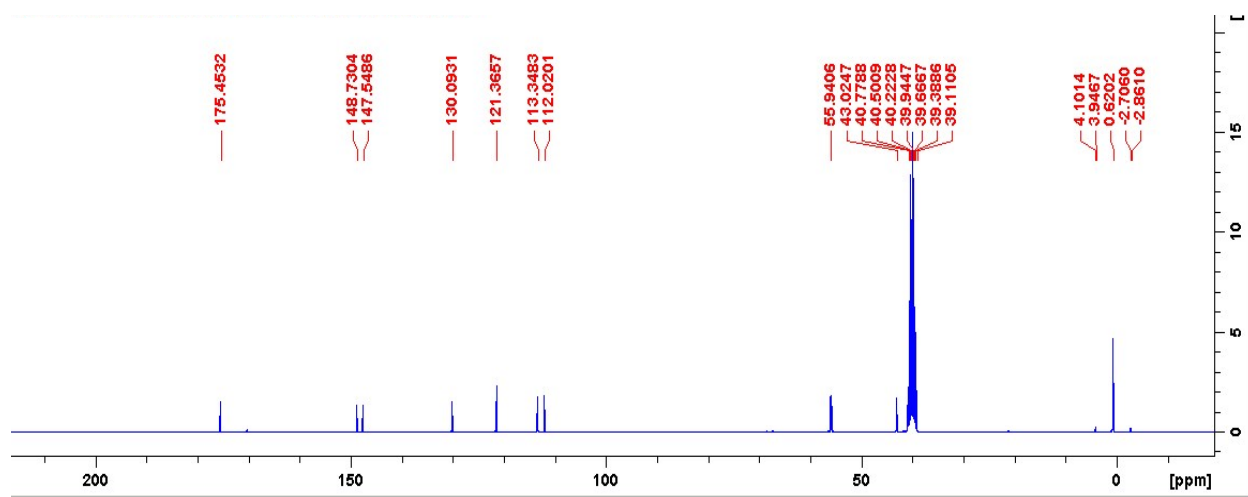
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Abbottabad-22060, Pakistan*

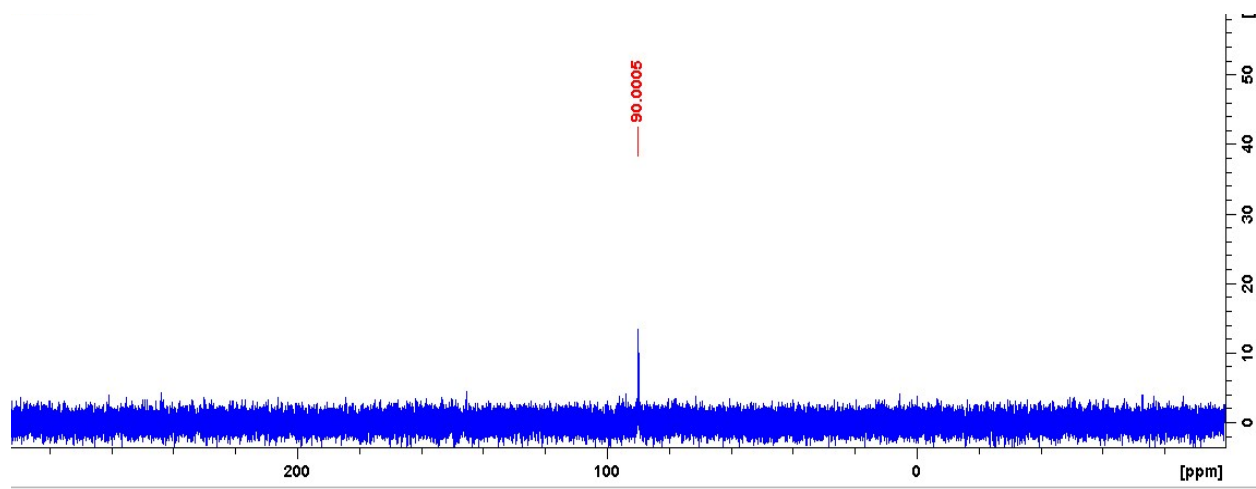
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(a)

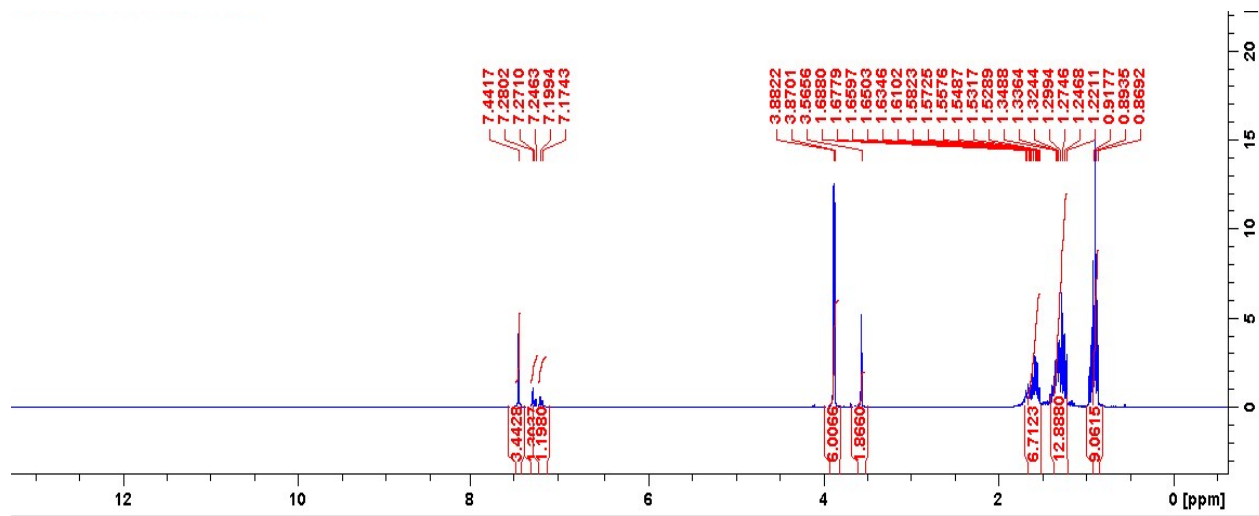


(b)

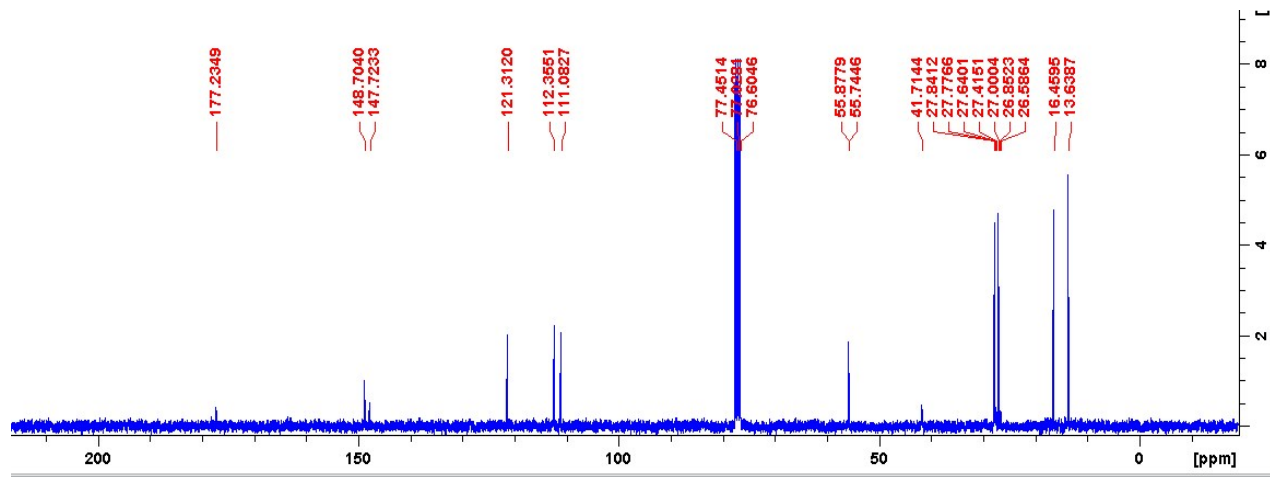


(c)

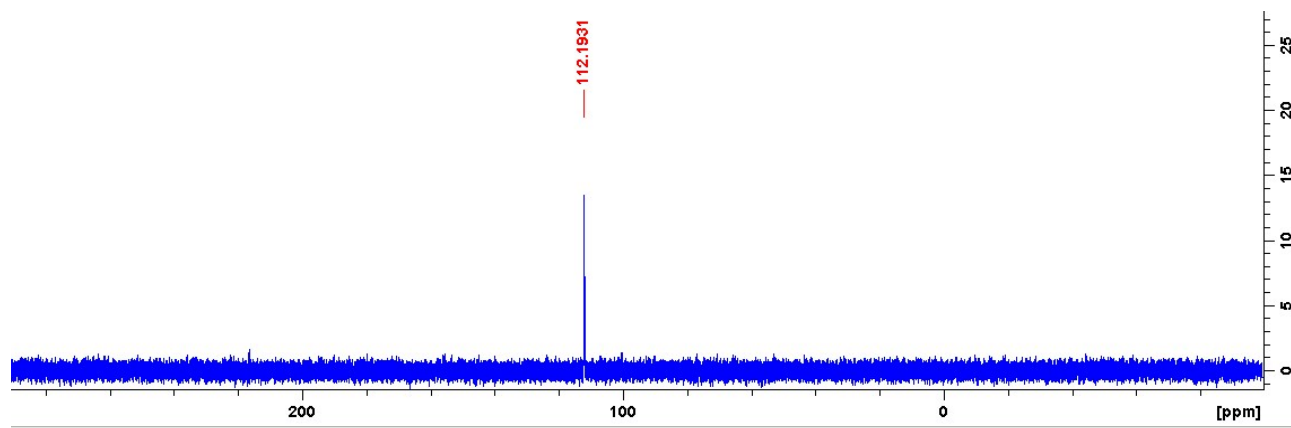
Fig. S1. Multinuclear (a) <sup>1</sup>H-, (b) <sup>13</sup>C- and (c) <sup>119</sup>Sn-NMR spectra of C1



(a)

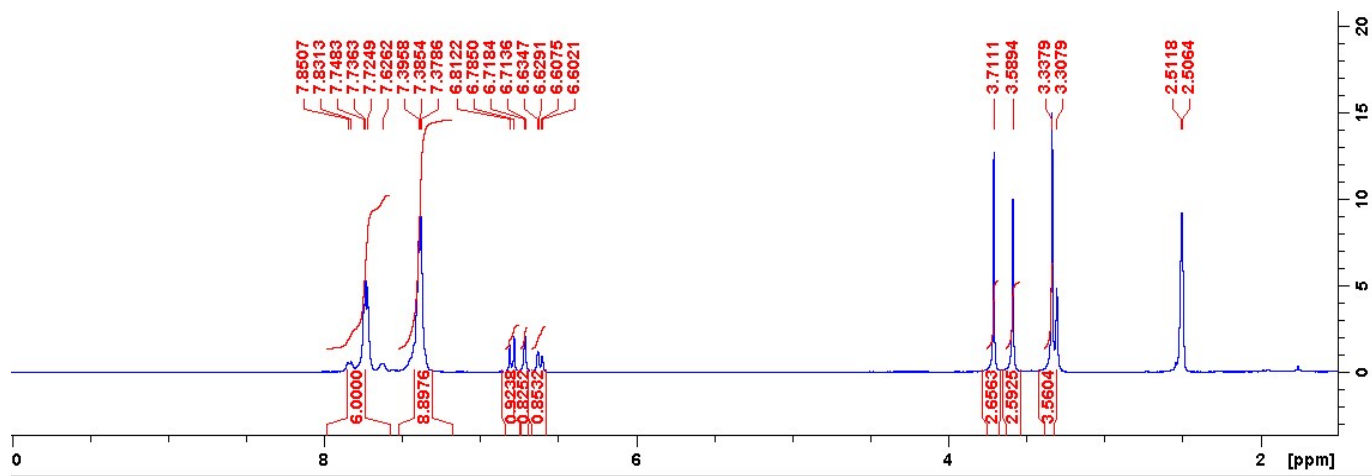


(b)

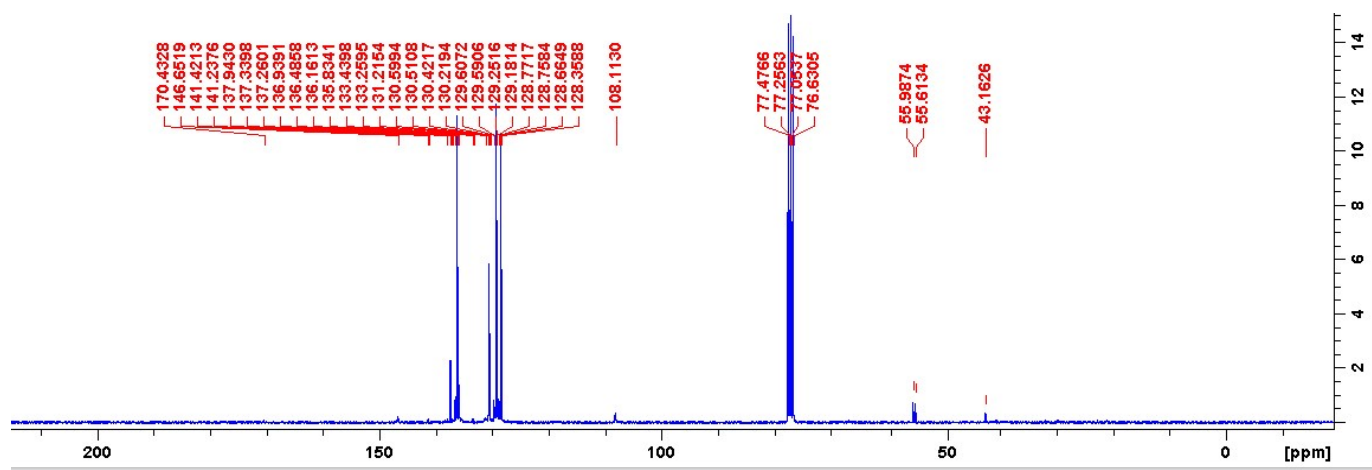


(c)

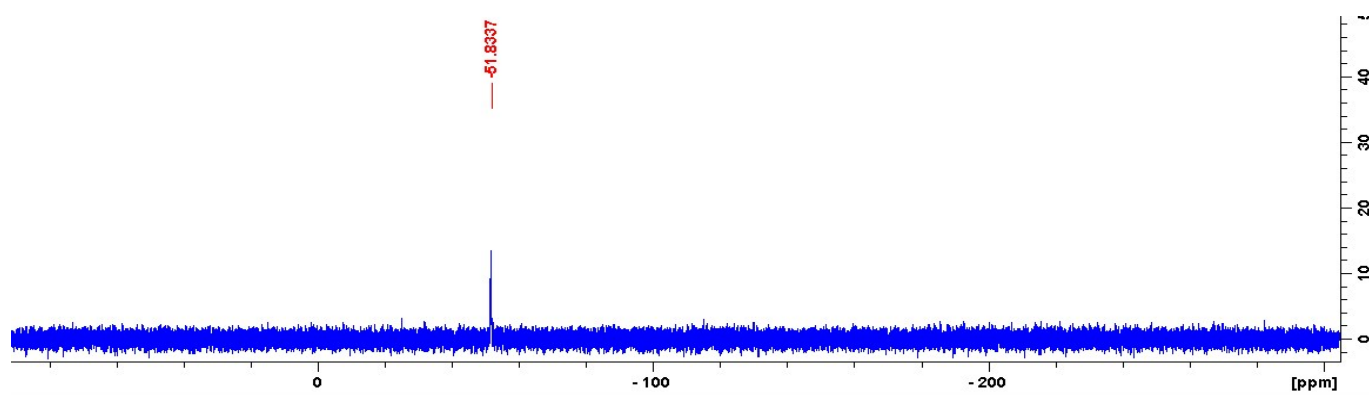
Fig. S2. Multinuclear (a)  $^1\text{H}$ - , (b)  $^{13}\text{C}$ - and (c)  $^{119}\text{Sn}$ -NMR spectra of C2



(a)



(b)



(c)

Fig. S3. Multinuclear (a)  $^1\text{H}$ -, (b)  $^{13}\text{C}$ - and (c)  $^{119}\text{Sn}$ -NMR spectra of C3

**Table S1.** Crystal data and refinement parameter for complex **1**.

<b>Crystal data</b>	<b>1</b>
Empirical formula	C <sub>22</sub> H <sub>38</sub> O <sub>4</sub> Sn
Formula weight	485.21
Temperature/K	100(2)
Crystal system	Monoclinic
Space group	P2 <sub>1</sub> /c
a/Å	26.639(3)
b/Å	10.7495(11)
c/Å	16.3176(16)
$\alpha$ /°	90
$\beta$ /°	98.1189(16)
$\gamma$ /°	90
Volume/Å <sup>3</sup>	4625.8(8)
Z	8
$\rho_{\text{calc}}$ /cm <sup>3</sup>	1.393
$\mu$ /mm <sup>-1</sup>	1.127
F(000)	2016.0
Crystal size/mm <sup>3</sup>	.3 × .2 × .1
Radiation	MoK $\alpha$ ( $\lambda$ = 0.71073)
2 $\Theta$ range for data collection/°	3.088 to 61.814
Index ranges	-37 ≤ h ≤ 38, -15 ≤ k ≤ 15, -23 ≤ l ≤ 22
Reflections collected	60460
Independent reflections	13595 [R <sub>int</sub> = 0.0280, R <sub>sigma</sub> = 0.0257]
Data/restraints/parameters	13595/0/497
Goodness-of-fit on F <sup>2</sup>	1.214
Final R indexes [I ≥ 2 $\sigma$ (I)]	R <sub>1</sub> = 0.0574, wR <sub>2</sub> = 0.1271
Final R indexes [all data]	R <sub>1</sub> = 0.0759, wR <sub>2</sub> = 0.1396
Largest diff. peak/hole / e Å <sup>-3</sup>	5.34/-1.90