

Supporting Information

**Opposite-charge repulsive cation and anion pair cooperative
organocatalysis in ring-opening polymerization**

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Figure S1. ^1H NMR spectrum (DMSO- d_6 , 400 MHz) of TPAC·Cl.

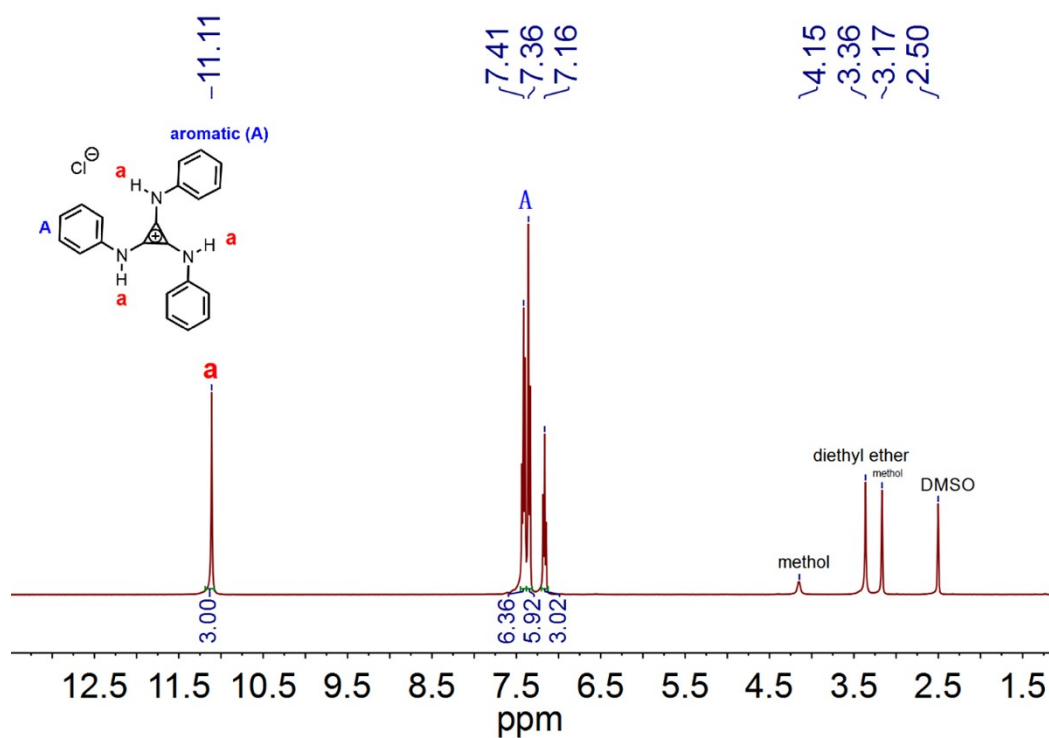


Figure S2. ^{13}C NMR spectrum (DMSO- d_6 , 100 MHz) of TPAC·Cl.

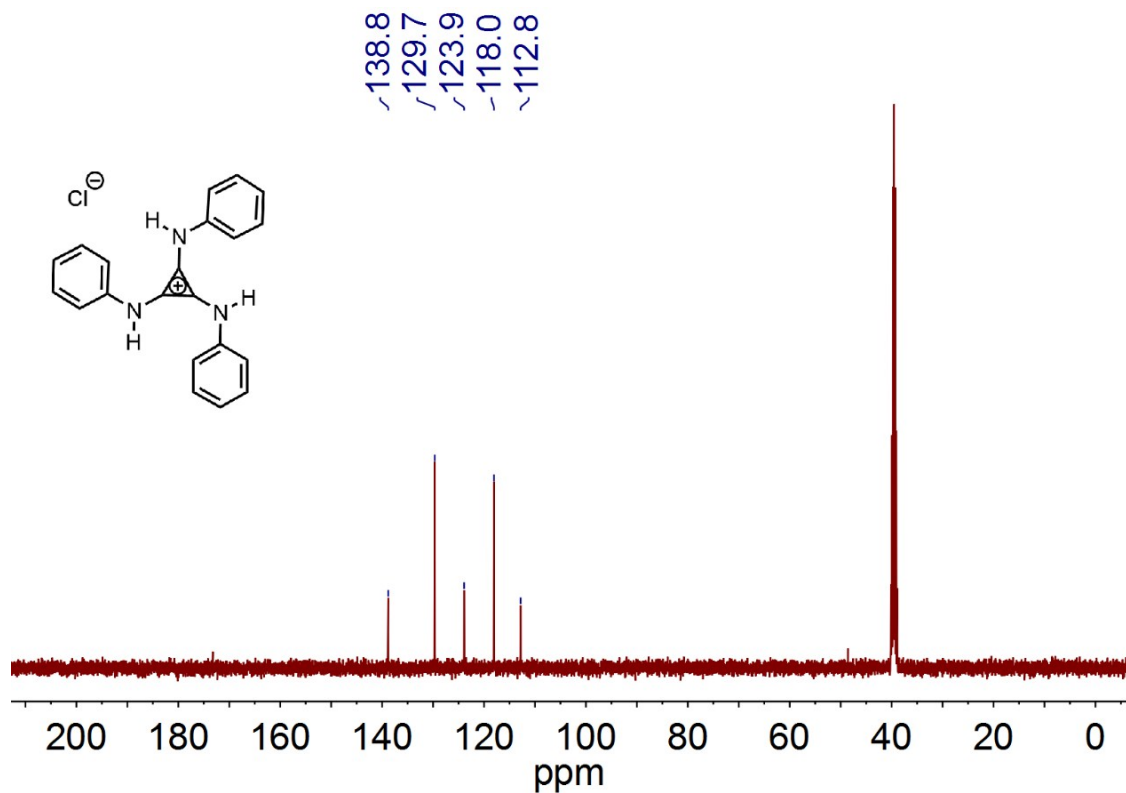
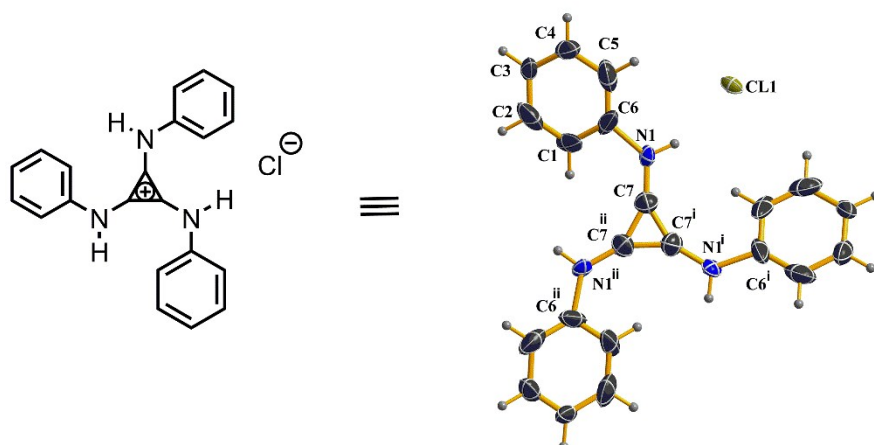


Figure S3. X-ray crystallographic data of TPAC·Cl



complex	1
Formula	C ₂₁ H ₁₈ ClN ₃
Formula weight	347.83
Crystal system	Cubic
space group	<i>P</i> 213
<i>a</i> (Å)	13.484(8)
<i>b</i> (Å)	13.484(8)
<i>c</i> (Å)	13.484(8)
α (°)	90
β (°)	90
γ (°)	90
Volume(Å ³)	2451.6(4)
<i>Z</i>	4
<i>T</i> (K)	296(2)
<i>D</i> _{calcd} (g/m ³)	1.573
<i>F</i> (000)	728
Reflections collected	2045
Unique reflections	1846
Goof	1.140
<i>R</i> ₁ [<i>I</i> > 2σ(<i>I</i>)]	0.1082
<i>wR</i> ₂ [<i>I</i> > 2σ(<i>I</i>)]	0.3079 ^a
CCDC NO.	1509942

^a $w = 1/[\sigma^2(F_0)^2 + (0.1820P)^2 + 3.4136P]$, where $P = (F_0^2 + 2F_c^2)/3$;