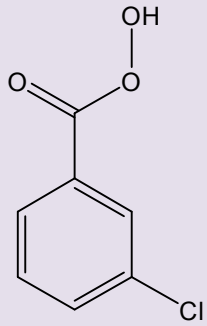
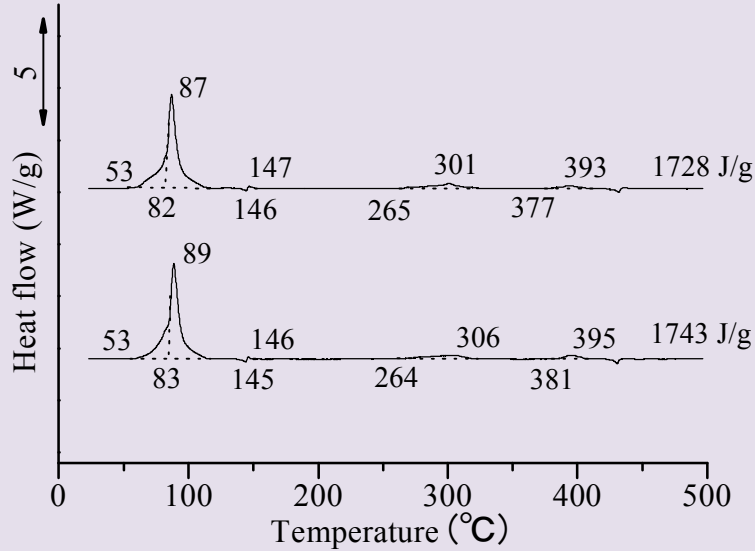
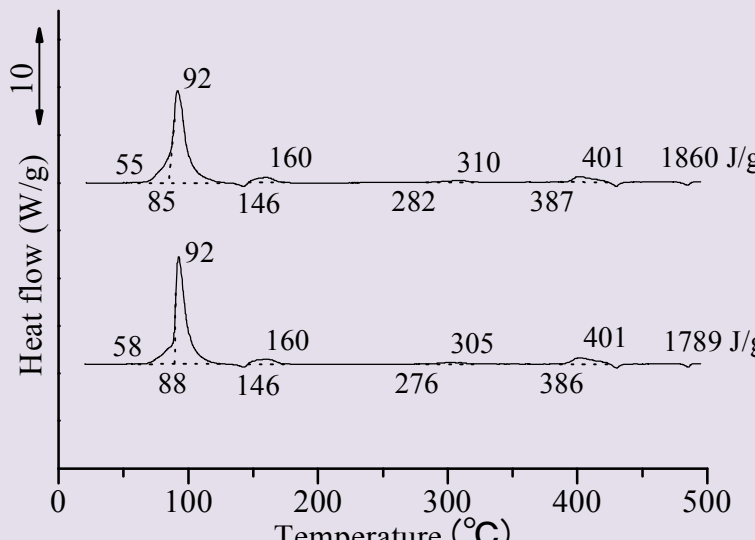
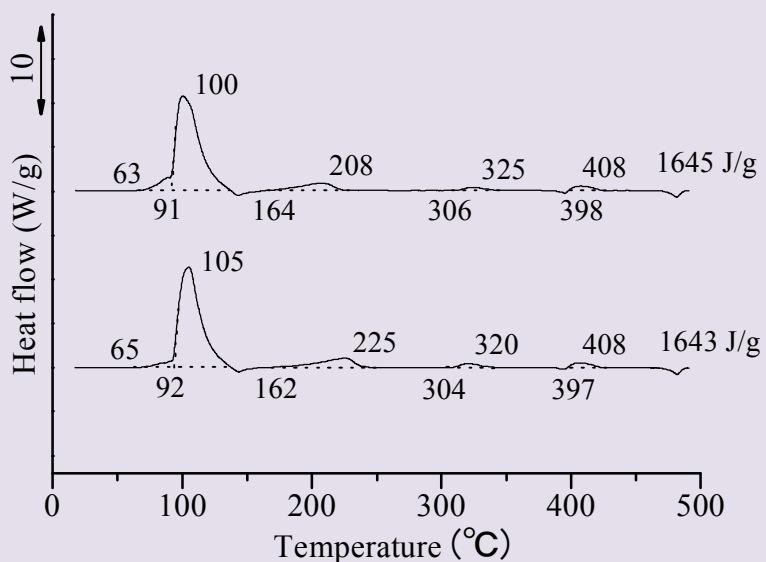


<i>m</i> -Chloroperbenzoic Acid	ClC ₆ H ₄ COOOH mCPBA
	DSC device: DSC8270B Rigaku Corp. dT/dt: 2, 5, 10, 20 K/min Atmosphere: Air Vesel: pressure vessel (SUS) Rigaku Corp. Sample: Wako (69.0 ~ 75.0%)
a) 2 K/min Wako: 和光純薬工業株式会社	
 <div style="float: right; margin-top: 20px;"> <p><Average></p> <p>T_a: 53 °C</p> <p>T_o: 83 °C</p> <p>T_{top}: 88 °C</p> <p>Q_{DSC}: 1736 J/g</p> </div>	
b) 5 K/min	
 <div style="float: right; margin-top: 20px;"> <p><Average></p> <p>T_a: 57 °C</p> <p>T_o: 87 °C</p> <p>T_{top}: 92 °C</p> <p>Q_{DSC}: 1825 J/g</p> </div>	

c) 10 K/min



< Average >

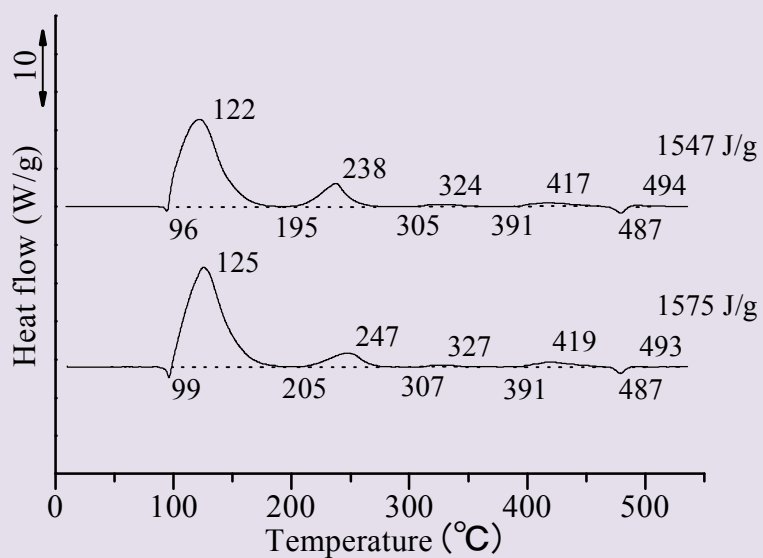
T_a : 64 °C

T_o : 92 °C

T_{top} : 103 °C

Q_{DSC} : 1644 J/g

d) 20 K/min



< Average >

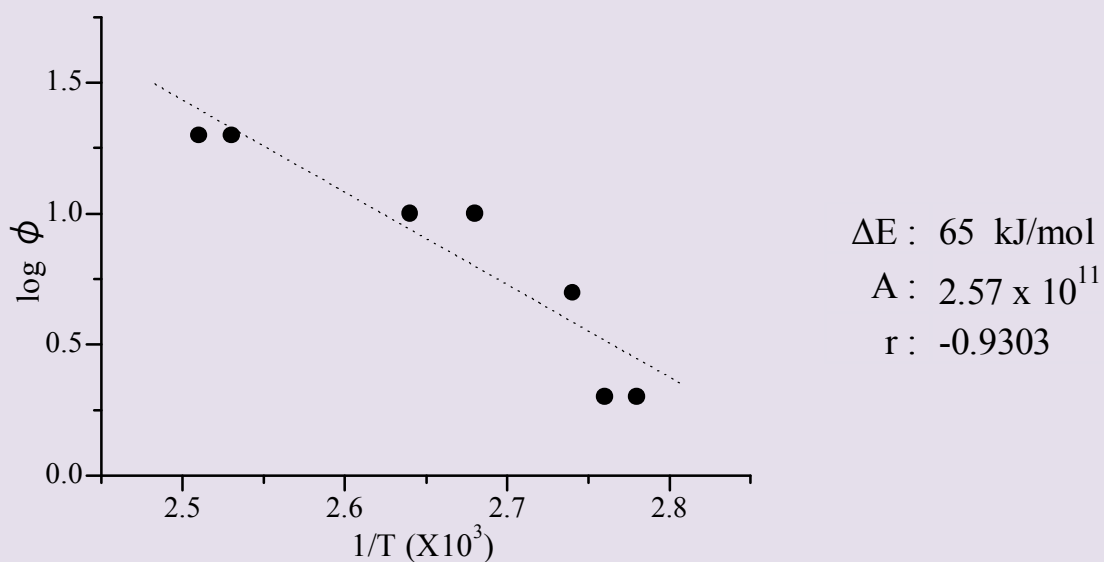
T_a : 98 °C

T_o : 98 °C

T_{top} : 124 °C

Q_{DSC} : 1561 J/g

ASTM PLOT



Heat rate ϕ (K/min)	T_{peak} (°C)	T_m (K)	$1/T_m \cdot 10^3$	$\log \phi$
2	87	360	2.78	0.301
	89	362	2.76	0.301
5	92	365	2.74	0.699
	92	365	2.74	0.699
10	100	373	2.68	1.00
	105	378	2.64	1.00
20	122	395	2.53	1.30
	125	398	2.51	1.30