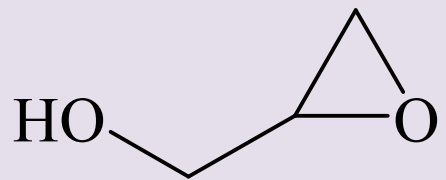
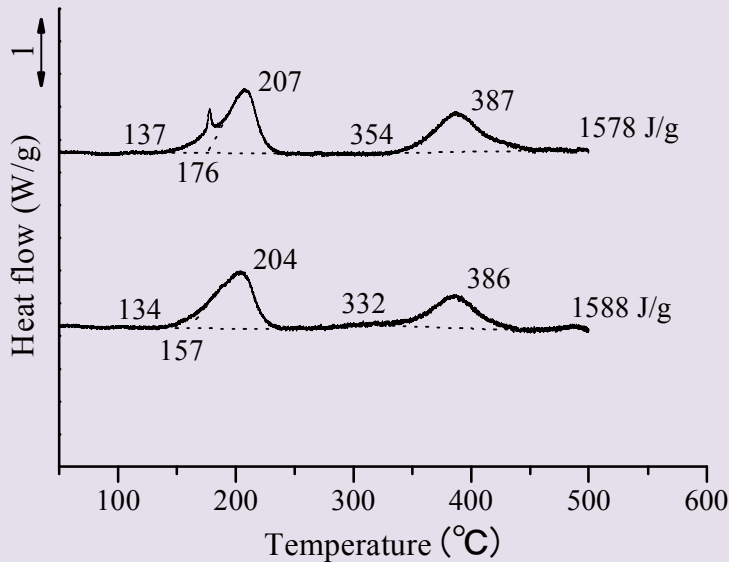


2,3-Epoxy-1-propanol	$C_3H_6O_2$ EP
	DSC device: DSC8270B Rigaku Corp. dT/dt: 2, 5, 10, 20 K/min Atmosphere: Air Vesel: pressure vessel (SUS) Rigaku Corp. Sample: Wako (> 85.0%)

a) 2 K/min

Wako: 和光純薬工業株式会社



< Average >

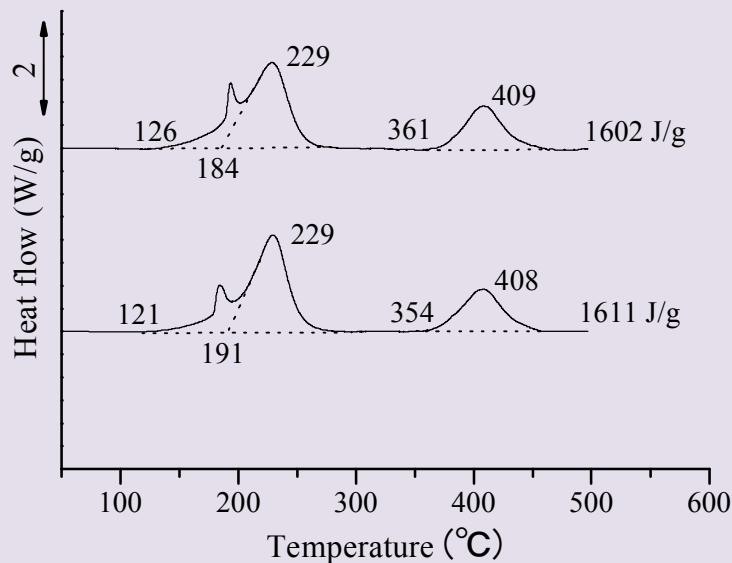
T_a : 136 °C

T_o : 167 °C

T_{top} : 206 °C

Q_{DSC} : 1583 J/g

b) 5 K/min



< Average >

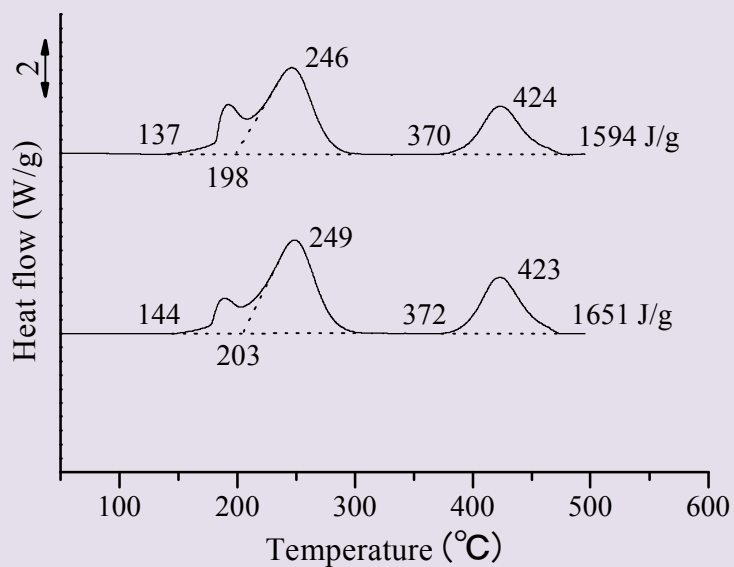
T_a : 124 °C

T_o : 188 °C

T_{top} : 229 °C

Q_{DSC} : 1607 J/g

c) 10 K/min



< Average >

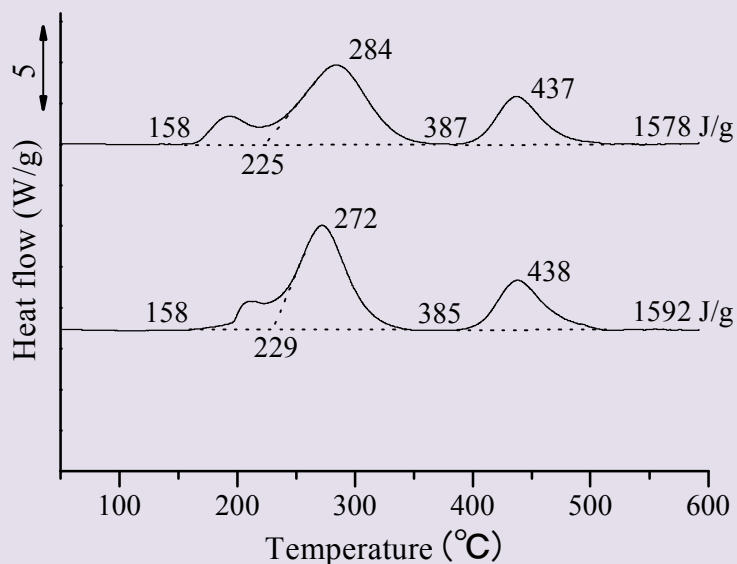
T_a : 141 °C

T_o : 201 °C

T_{top} : 248 °C

Q_{DSC} : 1623 J/g

d) 20 K/min



< Average >

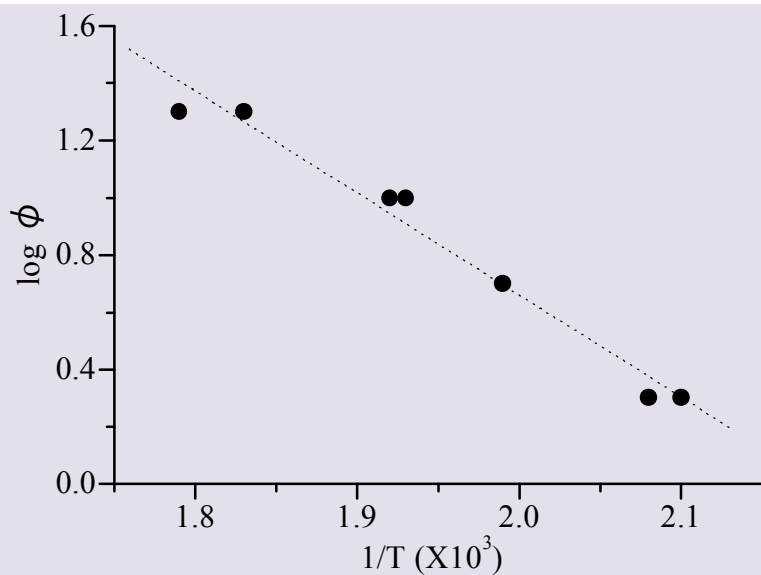
T_a : 158 °C

T_o : 227 °C

T_{top} : 278 °C

Q_{DSC} : 1585 J/g

ASTM PLOT



ΔE : 66 kJ/mol
 A : 3.48×10^{11}
 r : -0.98636

Heat rate ϕ (K/min)	T_{peak} ($^{\circ}\text{C}$)	T_m (K)	$1/T_m \cdot 10^3$	$\log \phi$
2	207	480	2.08	0.301
	204	477	2.10	0.301
5	229	502	1.99	0.699
	229	502	1.99	0.699
10	246	519	1.93	1.00
	249	522	1.92	1.00
20	284	557	1.79	1.30
	272	545	1.83	1.30