Supporting Information to

Isoconversional Kinetic Analysis of Decomposition of Nitroimidazoles: Friedman method vs. Flynn-Wall-Ozawa method

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TG-DTA of imidazole recorded at heating rate 5°C/minute.
TG-DTA of 2-nitroimidazole recorded at heating rate 5°C/minute.
TG-DTA of 4-nitroimidazole recorded at heating rate 5°C/minute.
Plot of reaction rate versus extent of conversion of imidazole.
Plot of reaction rate versus extent of conversion of 2-nitroimidazole.
Plot of reaction rate versus extent of conversion of 4-nitroimidazole.
Plot of extent of conversion versus time of imidazole.
Plot of extent of conversion versus time of 2-nitroimidazole.
Plot of extent of conversion versus time of 4-nitroimidazole.
Plot of $g(\alpha)$ versus extent of conversion of imidazole.
Plot of $g(\alpha)$ versus extent of conversion of 2-nitroimidazole.
Plot of $g(\alpha)$ versus extent of conversion of 4-nitroimidazole.
Plot showing the comparison of activation energies versus extent of conversion of imidazole.
Plot showing the comparison of activation energies versus extent of conversion of 2-nitroimidazole.
Plot showing the comparison of activation energies versus extent of conversion of 4-nitroimidazole.
DSC of imidazole recorded at heating rate 5°C/minute.
DSC of 2-nitroimidazole recorded at heating rate 5°C/minute.
DSC of 4-nitroimidazole recorded at heating rate 5°C/minute.
Plausible pathways of thermal decomposition of imidazole.
Plausible pathways of thermal decomposition of 2-nitroimidazole.
Plausible pathways of thermal decomposition of 4-nitroimidazole.