同的硝解体系，转晶制备了 ε-HNIW，二者的纯度相近，杂质含量在 2% 左右；研究结果表明，HNIW-TADFIW，HNIW-TADBIW 的晶体外形相近，热分解动力学参量值接近，撞击感度（H_{50}）近似，即这两种 HNIW 所含的少量杂质不影响 ε-HNIW 的化学物理性质。

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Synthesis and Properties of HNIW

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Abstract: ε-HNIW samples were prepared by nitrolysis of two chemicals tetraacetyldiformylhexazaisowurzetane (TADFIW) and tetraacetyldibenzylhexazaisowurzetane(TADWBIW) respectively. Thermal decomposition parameters and impact sensitivity (H_{50}) of the two kinds of HNIW samples were determined and SEM photographs were given. The test results show that thermal decomposition parameters and impact sensitivity (H_{50}) of the two samples are almost same, which indicate these samples have the same chemico-physical properties and the different impurities contained in ε-HNIW samples mentioned above do not affect chemico-physical properties of these samples greatly.

Key words: applied chemistry; hexanitrohexaazaisowurtzitane (HNIW); transformation of HNIW; thermal decomposition; impact sensitivity

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更正(一)

本刊 2006 年第 14 卷第 1 期 27 页《3-氨基-4-氨基肟基呋咱 500 克级合成》一文题称化合物的名称经作者王军等慎重考虑后认为改为“3-氨基-4-(酰胺肟基)呋咱”较妥，英文名为 3-amino-4-acylaminoximinofurazan。

特此说明。

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