

**2-Amino-1,3-dimethylimidazolium
2,2-Dimethyl-4,6-dioxo-1,3-dioxanide.
First Structural Characterisation of the
Anion of Meldrum's Acid [1]**

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Z. Naturforsch. **58b**, 481–484 (2003);
received March 4, 2003

2-Amino-1,3-dimethylimidazolium 2,2-dimethyl-4,6-dioxo-1,3-dioxanide (**6**) has been obtained from the reaction of 2,2-dimethyl-4,6-dioxo-1,3-dioxan (**1**, “Meldrum's acid”) and 2-imino-1,3-dimethylimidazoline (**5**) in excellent yield. The unit cell of **6** contains two crystallographically independent anions lying on crystallographic mirror planes. The structure of the anion is compared with that of compound **1**.

Key words: Heterocycles, Imidazole, Dioxan,
Hydrogen Bonding, Crystal Structure