

Zwitterionische Imidazolium- und Phosphonium-Derivate der Methylenmeldrumsäure [1,2]

Zwitterionic Imidazolium and Phosphonium Derivatives of Methylene-Meldrum's Acid [1,2]

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Z. Naturforsch. **60b**, 398 – 402 (2005); eingegangen am 14. Dezember 2004

Professor Hubert Schmidbaur zum 70. Geburtstag gewidmet

2,2-Dimethyl-4,6-dioxo-5-pyridinomethyl-1,3-dioxan-5-yl-pyridinium ylide (**9**) reacts with 2,3-dihydro-1,3-diisopropyl-4,5-dimethylimidazol-2-ylidene (**1**; R¹ = *i*Pr, R² = Me) to give the zwitterionic imidazolium derivative 2,2-dimethyl-4,6-dioxo-5-(1,3-diisopropyl-4,5-dimethylimidazoliomethyl)-1,3-dioxan-5-yl-imidazolium ylide (**4**) in good yield. Similarly, the phosphonium compound 2,2-dimethyl-4,6-dioxo-5-triphenylphosphoniomethyl-1,3-dioxan-5-yl-phosphonium ylide (**5**) is obtained from **9** and PPh₃. The crystal structures of **4** and **5** are reported.

Key words: Zwitterionic Compounds, Heterocycles, Imidazoles, 1,3-Dioxan, Crystal Structure