

# Oxokohlenstoffe und verwandte Verbindungen, 31 [1].

## 3-Antipyryl-4-hydroxy-cyclobutendion (Antipyrylsemiquadratsäure) und seine Derivate

Oxocarbons and Related Compounds, 31 [1]. 3-Antipyryl-4-hydroxy-cyclobutenedione (Antipyrylsemisquaric Acid) and its Derivatives

Arthur H. Schmidt, Jochen Kohler, Ramona Pretsch, Sarah von Freytag-Loringhoven und Peter R. Wiesert

Fachbereich Chemie und Biologie, Europa Fachhochschule Fresenius, Limburger Straße 2, D-65510 Idstein, Germany

Reprint requests to Prof. Dr. Arthur H. Schmidt. Fax: +49 (0)6126-935210.  
E-mail: schmidt@fh-fresenius.de

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Antipyrylsemisquaric chloride (**9**) has been prepared with excellent yield from antipyrylsemisquaric acid (**8**) and oxalic dichloride in the presence of dimethylformamide. Reaction of **9** with N and S nucleophiles afforded antipyrylsemisquaric acid derivatives, such as amides **12a – t**, **14a – e**, **15**, hydrazides **18a – e**, and thioesters **21a – i**.

*Key words:* Cyclobutenediones, Semisquaric Acid Derivatives, Antipyrylsemisquaric Chloride, 2,3-Dimethyl-1-phenyl-3-pyrazolin-5-one, Antipyrine