

Monocyclische und spirocyclische Boronium-Verbindungen: Altes und Neues von einer bisher weitgehend unbeachteten Stoffklasse*

Monocyclic and Spirocyclic Boronium Compounds – Old and New Aspects of a Hitherto Rather Disregarded Class of Substances

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This review deals with the synthesis and spectral properties of monocyclic as well as spirocyclic compounds featuring the 1,3,2-dioxaboronium or 1,3,2-dioxaborinium ring system. These compounds can be obtained by the reaction of three-valent boron compounds with enolisable 1,3-dicarbonyl compounds as well as related aza and imino derivatives.

Key words: Cationic Boron Compounds, 1,3,2-Dioxaborinium Salts, 1,3,2-Dioxaborinium Salts, Spirocyclic Boronium Salts