VORTRAG IM RAHMEN DES SONDERFORSCHUNGSBEREICHS 623
DER UNIVERSITÄT HEIDELBERG
MOLEKULARE KATALYSATOREN: STRUKTUR UND FUNKTIONSDESIGN

Freitag, 07.11. 2003, 11 Uhr c. t.

Kleiner Hörsaal, Im Neuenheimer Feld 252

Prof. Dr. Louis S. Hegedus

Department of Chemistry, Colorado State University

"From Microcycles to Macrocycles-Azapenams to Cyclams and bis-Cyclams"

Abstract:
Photolysis of chromium carbene complexes in the presence of protected imidazolines produces azapenams, a class of beta-lactam not available by classical routes. Deprotection under acidic conditions led to a cleavage/dimerization process to produce dioxocyclams in excellent yields. These are excellent ligands for a range of transition metals. Syntheses of capped cyclams, bridged cyclams, and capped bis-cyclams, all bearing additional coordination sites on the capped, a well as their use in the synthesis of coordination oligomers will be discussed.

Gäste sind herzlich willkommen.

Bei Interesse an einem Gesprächstermin bitte melden bei Frau Windisch im:
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DER SPRECHER
gez. P. Hofmann