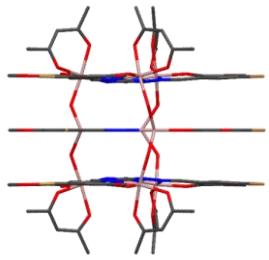
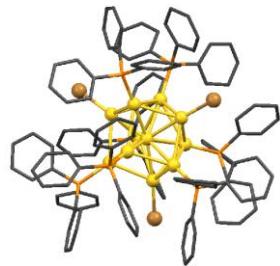


Dimere & Polymere

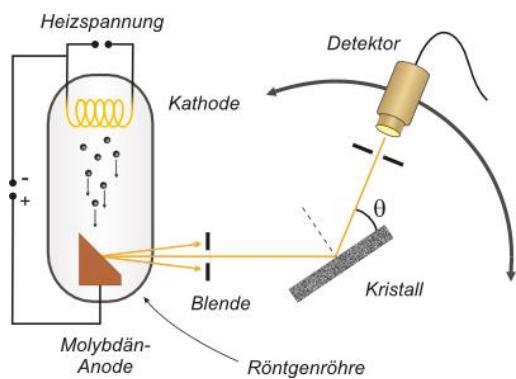


Schichtstrukturen

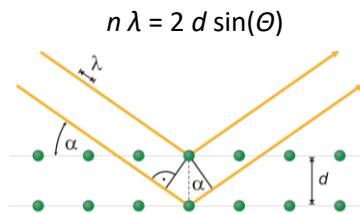
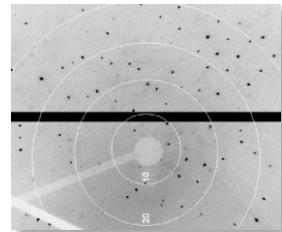
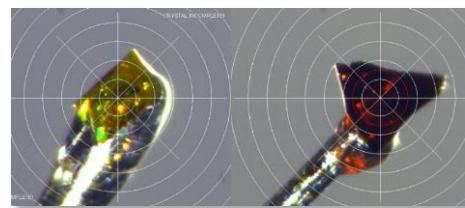


Goldcluster

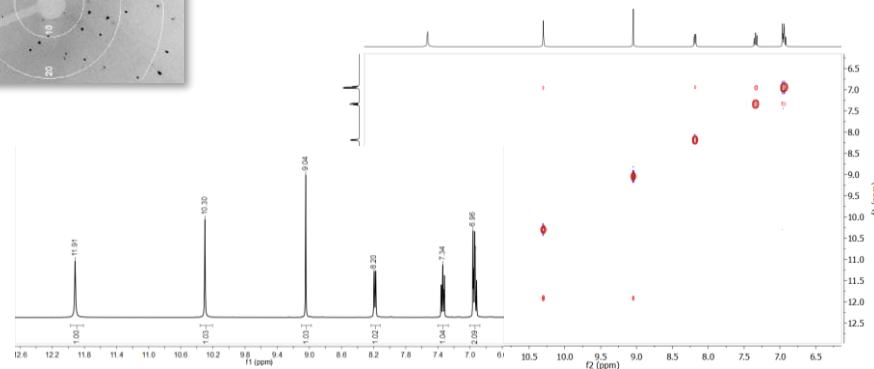
Einkristallröntgendiffraktometrie



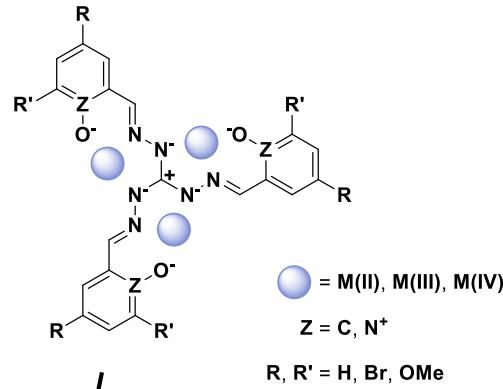
<https://lp.uni-goettingen.de/get/text/1526>



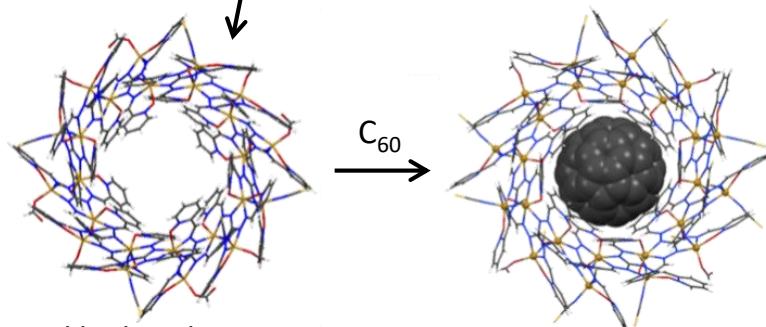
NMR-Spektroskopie (homo/heteronuklear, 1D und 2D)



C₃-symmetrische Liganden

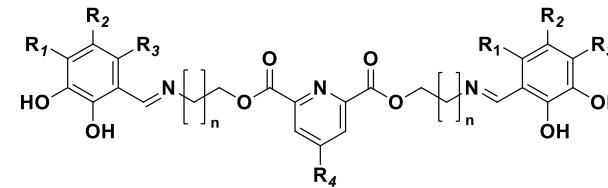


Wirt-Gast-Chemie

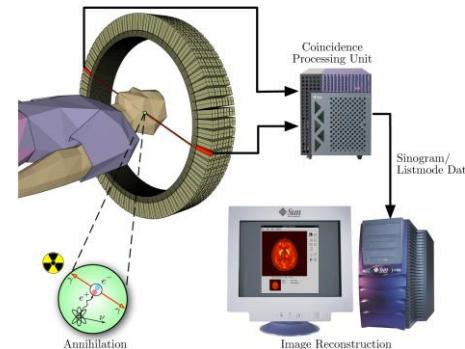


Zyklische Oligomere

C₂-symmetrische Liganden



R₁, R₂, R₃ = H, OH, OCH₃ ...
R₄ = H, OH, OCH₃, Cl, Bio-Liganden ...
n = 1,2,3

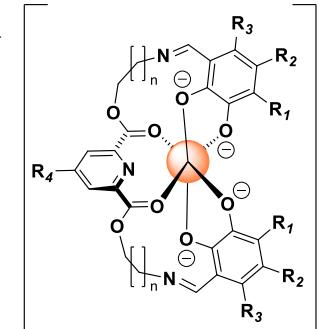


Anwendungsziel : med. Bildgebung mittels Positronen-Emissions-Tomographie (PET)

Für medizinische Anwendungen

Design und Synthese von Liganden für kalte Metallkationen

● = Ti(IV), Zr(IV), Sc(III), Y(III)



● = ⁴⁵Ti, ⁸⁹Zr(IV)

Ausschluss von Konkurrenzreaktionen

Analytik

Kontakt

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