

**Arbeitskreis Linti**  
**Anorganisch-Chemisches Institut**

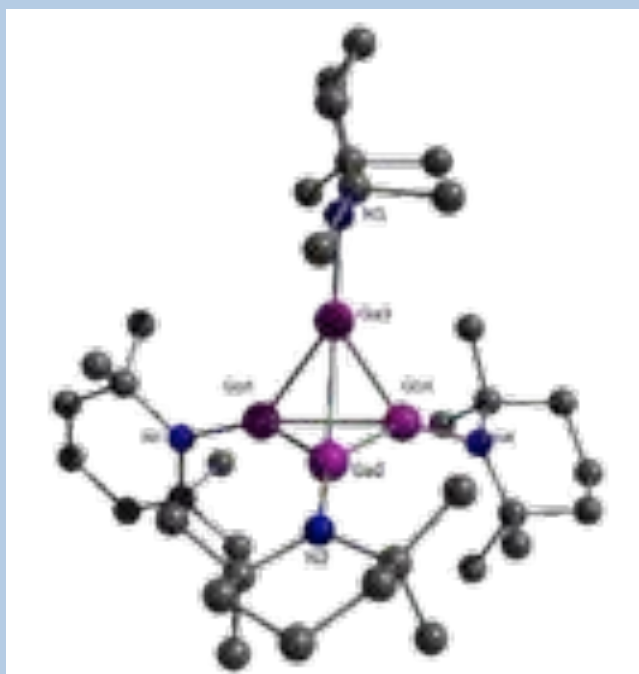
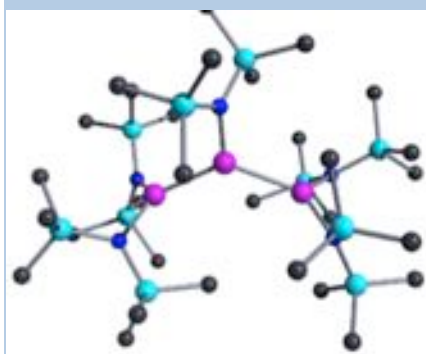
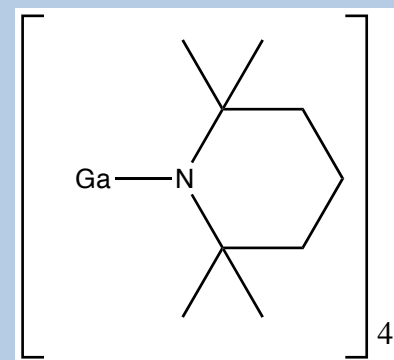
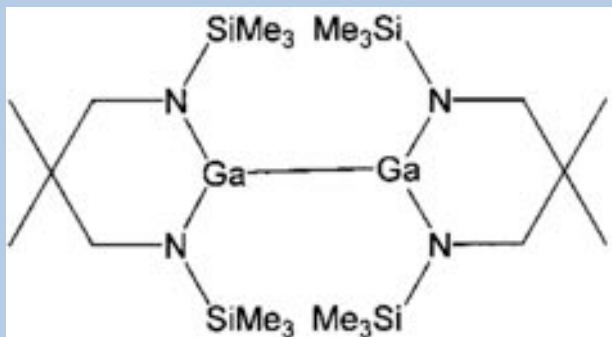
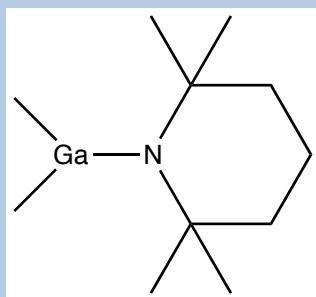


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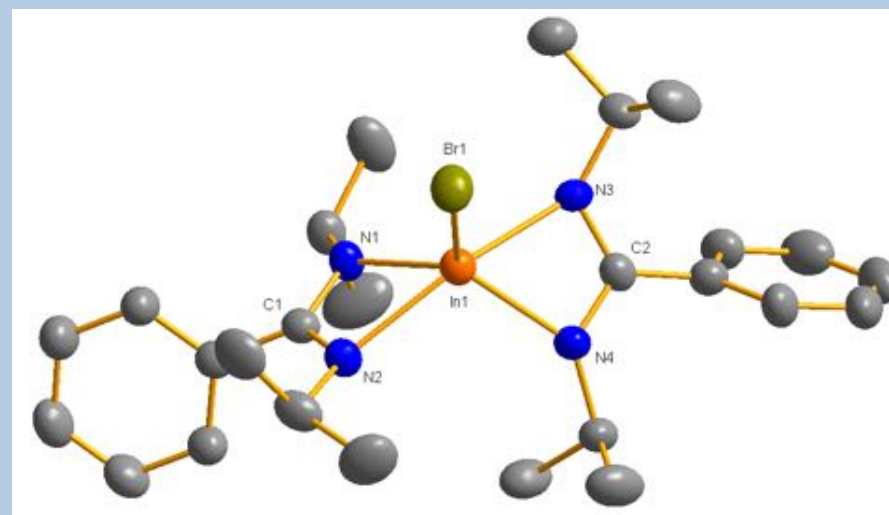
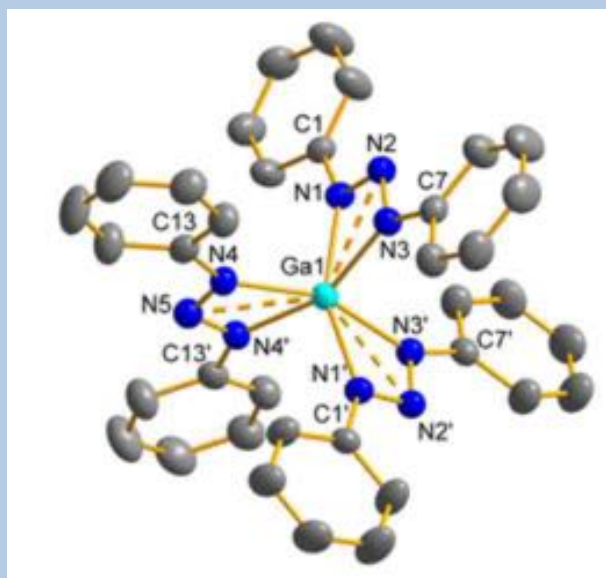
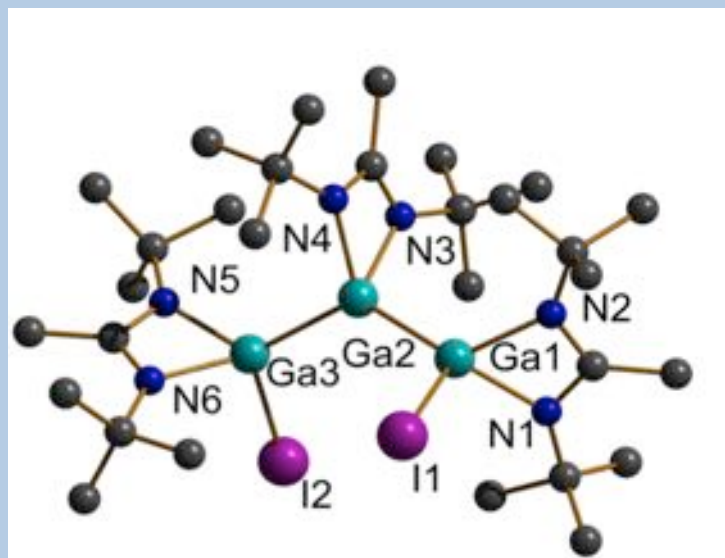
A ball-and-stick model of a molecular cluster, likely a borane or aluminum cluster, with yellow rods representing bonds and silver spheres representing atoms. The model is shown from two different perspectives, one slightly offset from the other, to show its three-dimensional structure.

**Molekül- und  
Clusterchemie  
der schwereren Elemente  
der Gruppe 13**

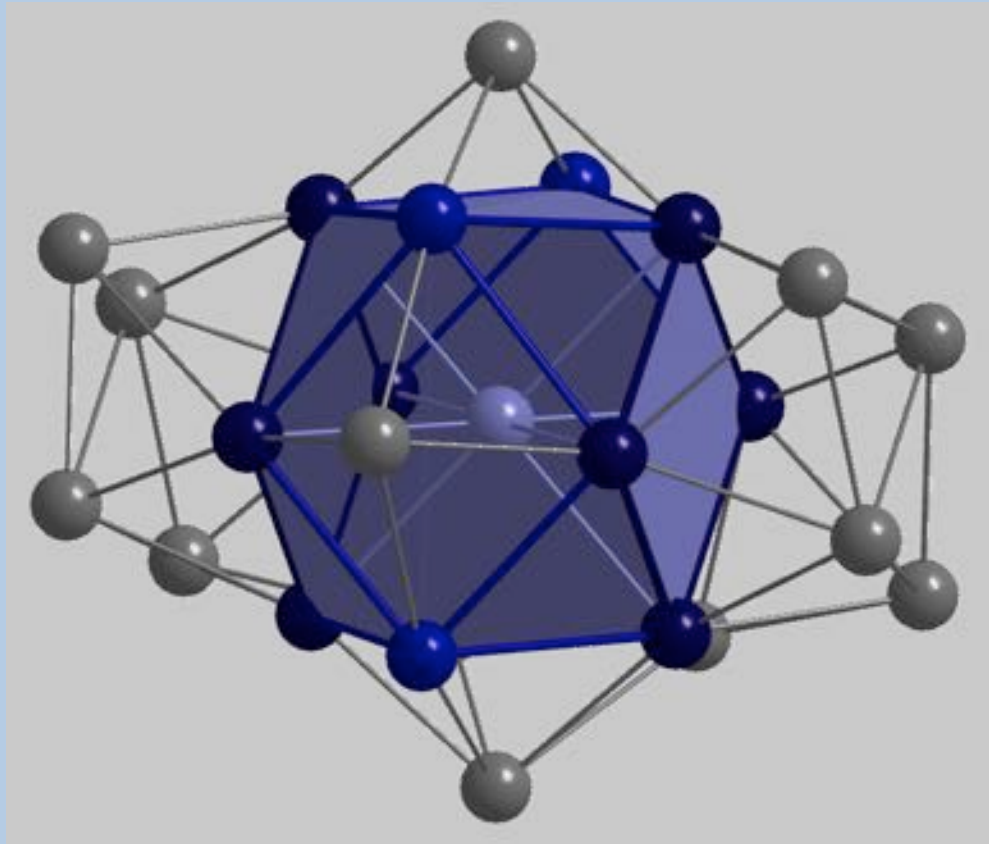
# Amide verschiedener Oxidationsstufen des Galliums



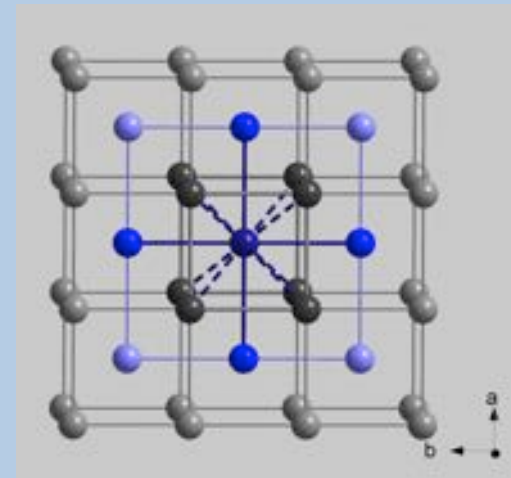
# Amidinate und Triazenide des Galliums und Indiums



# Clusterchemie der schwereren Elemente der III. Hauptgruppe – Beispiel $[\text{Ga}_{26}\{\text{Si}(\text{SiMe}_3)_3\}_8]^{2-}$



Hochdruckmodifikation  
Ga-III



Nanoskopische molekulare Teilchen mit definierten Strukturen -  
Supraleitung in Molekülkristallen?

# Gallaheterocyclen mit $\pi$ - bzw. pseudo- $\pi$ -Systemen durch Hyperkonjugation – Photophysikalische Eigenschaften

