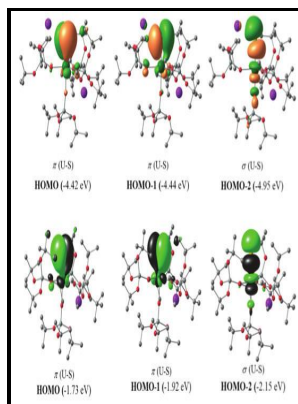


# Triamidoamine complexes of the f-elements

## - - Organometallics of the f



Description: -

-Triamidoamine complexes of the f-elements

-

Sussex theses ; S 5025 Triamidoamine complexes of the f-elements

Notes: D.Phil. 1997. BLDSC DXN041207.

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Tags: #Complexes #of #the #Group #5 #Elements

## Comprehensive Coordination Chemistry II. Coordination Chemistry of the s, p, and f Metals

Angewandte Chemie International Edition 2006, 45 6 , 862-870. Thiols with different substituents produce In I or In III products.

### Behaviour of complexes of f

New Journal of Chemistry 2019, 43 6 , 2575-2582. This coordination number is due to four of the bidentate ligands chelating to thorium with the additional complexation of one methanol molecule, as illustrated in Figure 20. Ruthenium Hydrides Containing the Superhindered Polydentate Polyphosphine Ligand P(CH<sub>2</sub>CH<sub>2</sub>PtBu)<sub>2</sub> 3.

### Coordination Chemistry with f

There are several mixed-valent bromides involving In II as well e. Larger substituents on the TI lead to greater dihedral angles.

### Six coordinate capped trigonal bipyramidal complexes

The Table 8 Some complexes of N-heterocyclic ligands with actinide IV compounds.

### Triamidoamine thorium

It is important to note that other gallium clusters have been reported. Comparing the Extraction of Am III , Cm III and Eu III by CyMe<sub>4</sub>-BTPhen-Functionalized Silica and Zirconia-Coated Magnetic Nanoparticles. The bridging carbon atoms in these organoaluminum dimers are engaged in electron deficient, three center-two electron 3c-2e , bonding schemes.

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