



[(HC(Me)CN(2,6-Cy2C6H3))2)SmI]2 (2) A colourless THF solution of diiodoethane (217.9 mg; 0.77 mmol) was added to a scintillation vial containing a suspension of Sm(metal) (119.7 mg; 0.80 mmol) in THF and left to stir overnight at room temperature. A brown THF solution of (BDIDicyp)K (477.0 mg; 0.77 mmol) was added dropwise to the resultant turquoise solution and left to stir for an additional 4 h at room temperature to give a dark army green solution with grey precipitates. The solvent was removed in vacuo and the residue was extracted with toluene. The solution was filtered through celite, concentrated and left to crystallize at room temperature, giving dark green blocks suitable for an X-ray diffraction experiment (602 mg; 91%).

In ontology

Not in ontology