

Cleavage of a Dibenzotetraazafulvalene to Yield a Rh(I) Carbene Complex

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The reaction of the dibenzotetraazafulvalene $C_6H_4(NC_2H_5)_2C=C(NC_2H_5)_2C_6H_4$, **1** = **1**, with $[(COD)Rh(\mu-Cl)_2Rh(COD)]$ proceeds *via* cleavage of the C=C double bond and yields the carbene complex $[(COD)RhCl(\mathbf{1})]$, **2**. The X-ray structure analysis shows **2** to be a mononuclear complex with a rhodium(I) center coordinated in a slightly distorted square-planar fashion.

Key words: Carbene Ligand, Rhodium(I), Crystal Structure