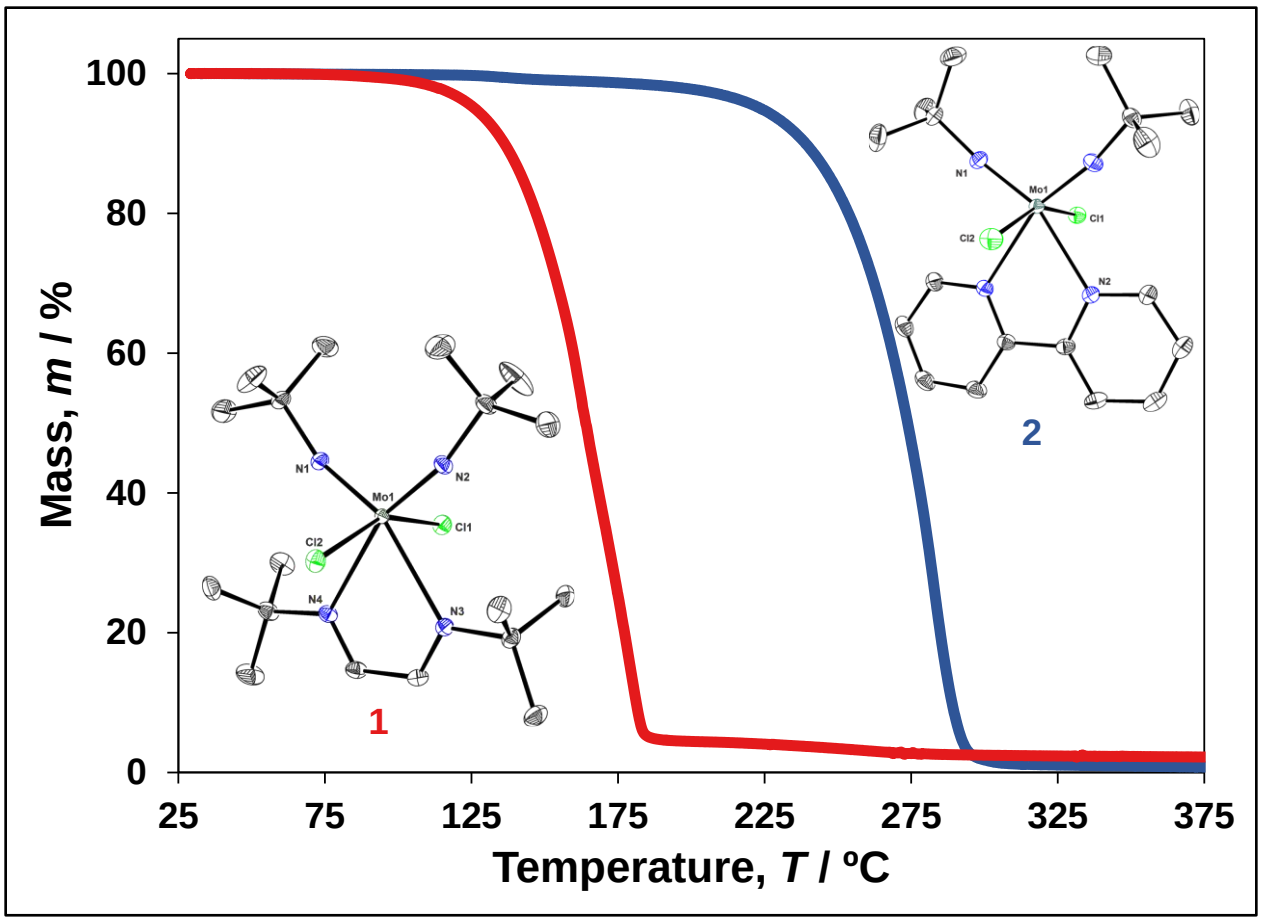

Fig 1. Thermogravimetric analysis of $(tBuN)_2MoCl_2{\cdot}(^{tBu}DAD^{H})$ (**1**, red) and $(tBuN)_2MoCl_2{\cdot}bpy$ (**2**, blue) with heating rates of 10 ºC min^{-1}. The mass loading of each sample was 10.0 mg.

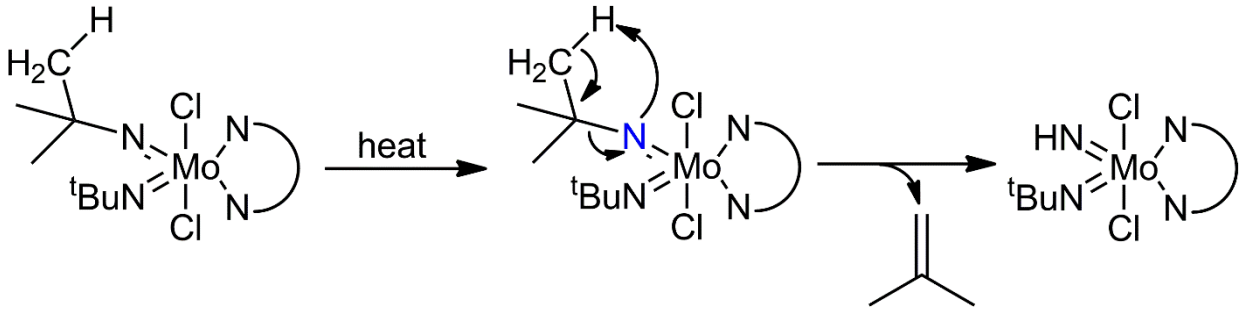

Fig 2. Pictorial representation of the proposed thermal decomposition of the $(tBuN)_2MoCl_2$ adducts, *via* γ-H activation of the *tert*-butylimido group.

[1] Land, M. A.; Robertson, K. N.; Barry, S. T. *Organometallics,* **2020**, *39*, 916−927. doi.org/acs.organomet.9b00578.