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From the journal:

Journal of the Chemical Society, Chemical Communications**Unusual, thermally stable, sublimable aminoboranes B(NHAr)X₂ (X = Cl, F, or NH₂); X-ray crystal structure of bis(amino)(2,4,6-tri-t-butylphenylamino)borane, B(NH₂)₂(NHAr)**[Peter B. Hitchcock](#), [Hatam A. Jasim](#), [Micheal F. Lappert](#) and [Hugh D. Williams](#)**Abstract**

The sterically demanding 2,4,6-tri-t-butylamido ligand (N⁻HAr) confers unexpected thermal stability on the title boranes B(NHAr)X₂ [X = Cl, (**2**); F, (**3**); or NH₂, (**4**)], each of which is sublimable without elimination of HX; the difluoroborane (**3**) has significant BN double-bond character as is evident from magnetically distinct F⁻ ligands, only one of which (presumably the *trans*) is coupled to the NHAr proton; compound (**4**) has trigonal planar boron with one of the B–NH₂ bonds significantly longer than the other, 1.470(4) and 1.437(4) Å, and each longer than B–NHAr, 1.412(4) Å.

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