

CORRIGENDUM

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Borane–Lewis Base Complexes as Homolytic Hydrogen Atom Donors

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In Figure 1 of the Full Paper by H. Zipse et al., the structure of compound **22** was found to have been drawn incorrectly. The corrected structure is shown in the new version of Figure 1 given below. Additionally, the data for compounds **18** and **22** were interchanged in Table 2; the values are shown in the correct order here and the compounds have been reordered in Figure 1 as a consequence. Lastly, a recalculation of the data in Tables 1 and 2 indicated a round-off error of 0.3 kJ mol^{-1} for compound **14** in Table 2. The changes do not affect the conclusions of the manuscript, and the authors apologize for any inconvenience caused by these errors.

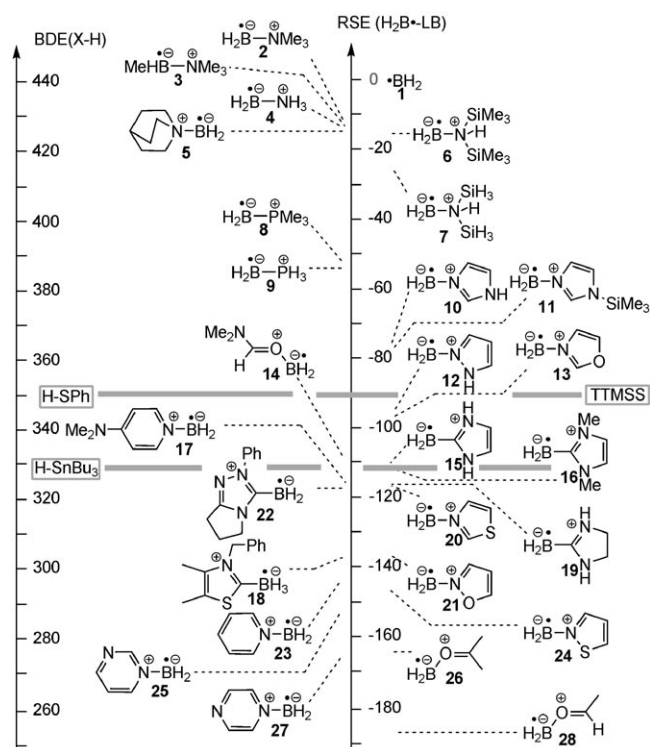


Figure 1. Radical stabilization energies (RSE, in kJ mol^{-1}) for a variety of boryl radicals as obtained at G3(MP2)-RAD level of theory together with the BDE(B–H) values of the corresponding boranes.

Table 2. Radical stabilization energies (RSE) for a variety of boryl radicals together with the BDE(B–H) values of the corresponding boranes, the complexation energies of borane–Lewis base complexes ($E_c(\text{H}_3\text{BLB})$), and complexation energies of boryl radical–Lewis base complexes ($E_c(\text{H}_2\text{B}^\bullet\text{LB})$). All energies have been obtained at G3(MP2)-RAD level and are given in kJ mol^{-1} .

System	RSE($\text{H}_2\text{B}^\bullet\text{-LB}$)	BDE(H–BH ₂ –LB)	$E_c(\text{H}_3\text{BLB})$	$E_c(\text{H}_2\text{B}^\bullet\text{LB})$
1	0.0	441.1	–	–
2	–12.6	428.7	–158.3	–170.9
3	–12.8	428.3	–280.8	–139.7
4	–13.7	427.4	–114.1	–127.8
5	–14.0	427.1	–170.6	–184.6
6	–16.7	424.4	–99.9	–116.7
7	–24.6	416.5	–158.3	–113.8
8	–52.1	389.0	–159.9	–212.0
9	–54.3	386.8	–91.4	–145.6
10	–77.3	363.8	–136.7	–213.9
11	–79.4	361.7	–142.8	–222.2
12	–95.2	345.9	–129.0	–224.2
13	–97.9	343.2	–119.7	–217.6
14	–108.9	332.2	–84.1	–193.0
15	–110.7	330.4	–220.6	–331.3
16	–112.5	328.6	–228.0	–340.5
17	–116.3	324.8	–147.5	–263.8
18	–138.7	302.4	–216.0	–354.7
19	–116.9	324.2	–228.1	–345.0
20	–117.7	323.4	–124.4	–242.0
21	–137.2	303.9	–107.3	–244.5
22	–116.6	324.5	–211.1	–327.7
23	–144.3	296.8	–132.0	–276.3
24	–146.6	294.5	–109.2	–255.8
25	–152.5	288.6	–126.1	–278.6
26	–163.6	277.5	–73.6	–237.2
27	–165.8	275.3	–126.5	–292.2
28	–184.0	257.1	–66.1	–250.1