Well-dispersed Lithium Amidoborane Nanoparticles through Nanoreactor Engineering for Improved Hydrogen Release

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Figure S1. N$_2$ sorption isotherm and pore size distribution (inset) of the as-prepared Li$_3$N@CNFs (a) and LiAB@CNFs (b).
Figure S2. FTIR spectra of the bulk LiAB (black line), LiAB@CNFs (red lines) and their decomposed products to 120 °C.
Figure S3. Volumetric results for the decomposition of LiAB@CNFs.
Figure S4. Hydrogen desorption curves of the bulk LiAB at different temperatures.
Figure S5. XRD results of the bulk LiAB and LiAB@CNFs after heating to 200 °C.
Figure S6. FTIR spectra of the decomposed product of bulk LiAB to 250 °C.
Figure S7. DSC profiles for the dehydrogenation of (i) pristine LiAB and (ii) LiAB@CNFs. The heating rate is 5 °C min⁻¹.