Electronic and Optical Properties of Ladder-Type Heteraborins

Tomohiro Agou, Junji Kobayashi, and Takayuki Kawashima*

Department of Chemistry, Graduate School of Science, The University of Tokyo
7-3-1 Hongo, Bunkyo-ku, Tokyo 113-0033, Japan

takayuki@chem.s.u-tokyo.ac.jp
Photo-images of the powder samples of the ladder-type heteraborins.

(a) Powder samples under room light. (b) Solid state luminescence upon irradiation by UV lamp (254 nm). Upper left: 7, Upper center: 1, Upper right: 5, Lower left: 8, Lower center: 2, Lower right: 6.