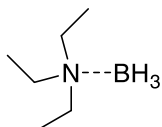
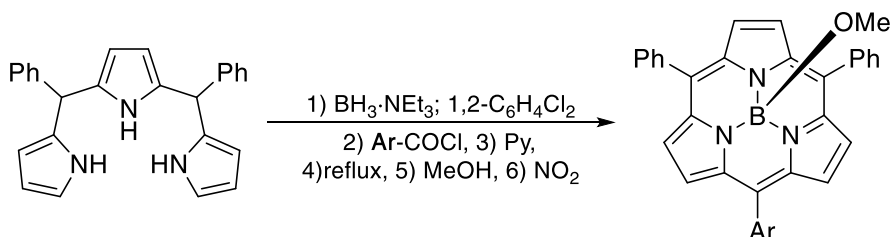
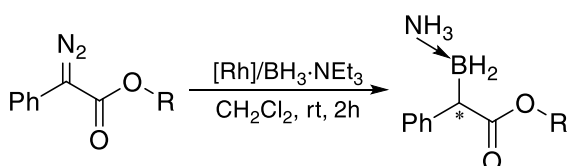
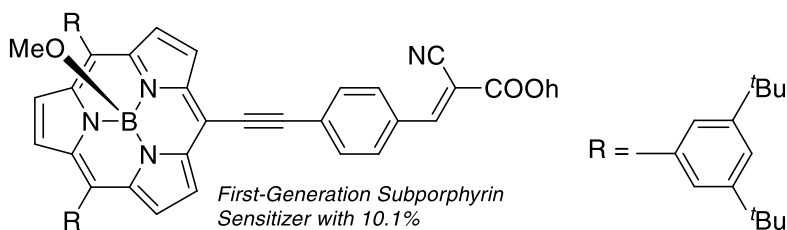
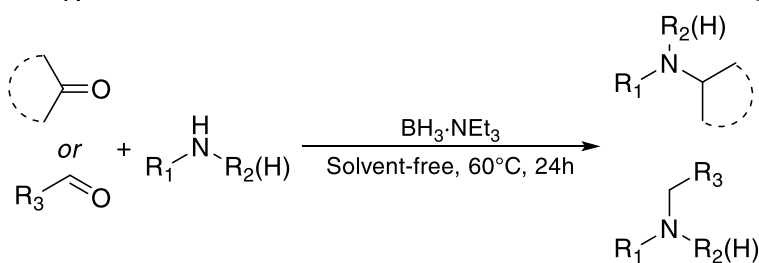


Catalog # 05-0140 CALLERY™ Triethylamine borane, min. 95%, TEAB



Technical Notes:

1. Used for the synthesis of A₂B-type *meso*-triarylsubporphyrins.
2. Used for the Rh(I)-catalyzed asymmetric carbene insertion into B–H bonds to generate highly enantioselective access to functionalized organoborane.
3. Used in the preparation process of first-generation subporphyrinatoboron (III) sensitizers for DSSCs with the >10% power conversion efficiency.
4. Reductant used for reductive amination of ketones/aldehydes with amines.

Tech Note (1)
Ref. (1)Tech Note (2)
Ref. (2)Tech Note (3)
Ref. (3)Tech Note (4)
Ref. (4)

References:

1. [Org. Lett. 2012, 14, 2694.](#)
2. [J. Am. Chem. Soc. 2015, 137, 5268.](#)
3. [Angew. Chem. Int. Ed. 2016, 55, 10287.](#)
4. [Chem. Commun. 2021, 57, 8588.](#)