C–H Zincation of (Hetero)Arenes Followed by Copper-Catalyzed Amination

**Significance:** Wang and co-workers describe a direct amination of (hetero)arenes by C–H zincation followed by copper-catalyzed electrophilic amination using O-acyl hydroxylamines. A broad substrate scope, good functional-group tolerance, and mild reaction conditions were demonstrated.

**Comment:** The C–H zincation was achieved applying either Zn(tmp)$_2$ or tmpZnCl·LiCl (tmp = 2,2,6,6-tetramethylpiperidyl) at room temperature. The obtained products were isolated in good to excellent yields.

**Selected examples:**

1. **Zn(tmp)$_2$ (1.0 equiv)**
   2. BzO–N$_2$BzO (1.0 equiv)
      or BzO–NR$_1$R$_2$ (1.0 equiv)
      Cu(OAc)$_2$ (10 mol%)
      THF, r.t.

   - 96% yield
   - 92% yield
   - 81% yield
   - 79% yield
   - 76% yield
   - 86% yield
   - 90% yield
   - 98% yield

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