Aromatic Hydroxylation and Amination through Deprotonative Cupration

Significance: The authors report an efficient aromatic hydroxylation and amination reaction through directed ortho cupration. The method is applicable to a wide range of functionalized aromatic and heteroaromatic compounds, and shows high chemoselectivity.

Comment: The reported reaction is the first example of an efficient, one-pot synthesis of functionalized phenols and anilines from the same substrates.