Photoredox C(sp²)–C(sp³) Cross-Couplings in Flow

Significance: The authors report an efficient and high-throughput continuous flow process employing a new method for the photoredox activation of boronic esters.

Comment: No additive other than the photoredox catalyst is required for the coupling of the heteroaromatic nitriles and pinacol boronic esters because the nitrogen-containing heterocycle serves as the activator for the boronic ester.