

## Publication 69: Photocatalytic Hydroaminoalkylation of Styrenes with Unprotected Primary Alkylamines



Cresswell has reported a catalytic, organophotoredox procedure for the intermolecular hydroaminoalkylation (HAA) of styrenes to afford pharmacologically relevant  $\gamma$ -arylamines that does not require protection of the amine.

The reaction tolerates a broad range of substrate functionalities to afford in good yields.

Moreover, the reaction can be combined with a subsequent intramolecular N-arylation to produce tetrahydroquinolines.

[H. E. Askey, J. D. Grayson, J. D. Tibbetts, J. C. Turner-Dore, J. M. Holmes, G. Kociok-Kohn, G. L. Wrigley, and A. J. Cresswell, J. Am. Chem. Soc., 2021, DOI: 10.1021/jacs.1c07401](#)