

Synthesis of unsymmetrical 2,6-diarylanilines by palladium-catalyzed C–H bond functionalization methodology.

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Streszczenie

3,5-Dimethylpyrazole was employed as a monodentate directing group for palladium-catalyzed *ortho*-sp² C–H arylation with aryl iodides. The reaction shows good functional group tolerance and outstanding selectivity for mono-*ortho*-arylation. Ozonolysis of *ortho*-arylated arylpyrazoles gave acylated biphenylamines that were further arylated to afford unsymmetrically substituted 2,6-diarylacetanilides.

Adres publiczny

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Strona internetowa wydawcy

<https://www.acs.org/content/acs/en.html>