

**Palladium(II)-catalyzed regioselective carbonylative coupling of aniline derivatives with terminal aryl acetylenes to give acrylamides under syngas conditions.**

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**Abstract**

The carbonylative coupling of aniline derivs. with terminal aryl acetylenes catalyzed by Pd(OAc)<sub>2</sub> and 1,4-bis(diphenylphosphino)butane (dppb) under syngas conditions affords acrylamide derivs. in excellent yields and selectivities.