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A General and Special Catalyst for Suzuki–Miyaura Coupling Processes
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A Novel General Phosphine Ligand for Suzuki–Miyaura Cross-Coupling

Significance: A new class of biaryl monophosphorous ligands with outstanding properties was developed. The ligand BI-DIME is highly air-stable and readily accessible in kilogram scale.

Comment: BI-DIME was tested as ligand in the palladium-catalyzed Suzuki–Miyaura reaction allowing for the first time the high-yielding cross-coupling of 2,4,6-triisopropylboronic acid with *ortho*-substituted aryl bromides.

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