

**NOVEL SYNTHETIC UTILITY OF *N*-SUBSTITUTED BENZOTRIAZOLES: FROM THE
PREPARATION OF NOVEL DIAZO DONOR REAGENT TO PALLADIUM
CATALYZED REGIOSPECIFIC SYNTHESIS OF PSEUDOHALOHYDRIN ESTERS.**

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This talk will focus on new reaction developments via *N*-substituted benzotriazole derivatives. The use of benzotriazole in organic synthesis provided access to a) improved diazo donor reagent and *N*-(α -azidoacyl)benzotriazoles, b) chiral *O*-acyl isodipeptides, ultimately used in 'traceless' chemical ligation on Ser-/Thr- amino acid residues with the goal of total synthesis of natural product Rolloamide B and c) pseudohalohydrin esters by palladium catalyzed regiospecific route.