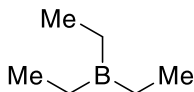
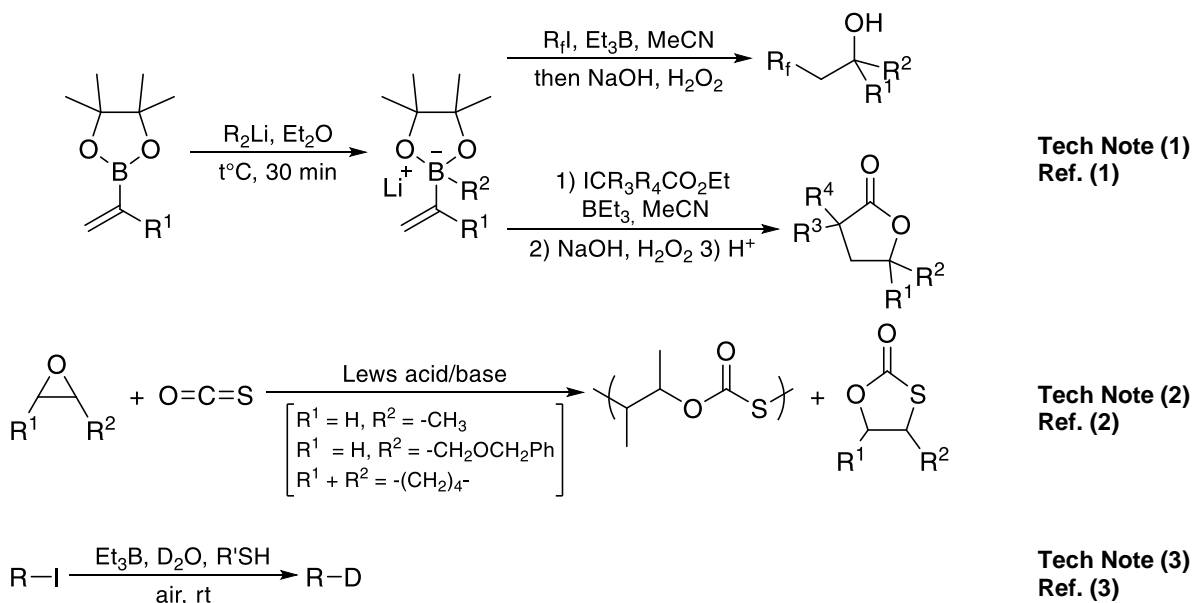


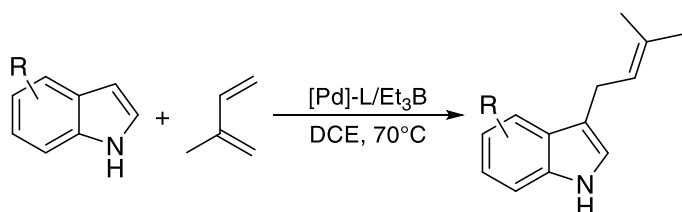
Catalog # 93-0540 CALLERY™ Triethylborane, min 99.8%



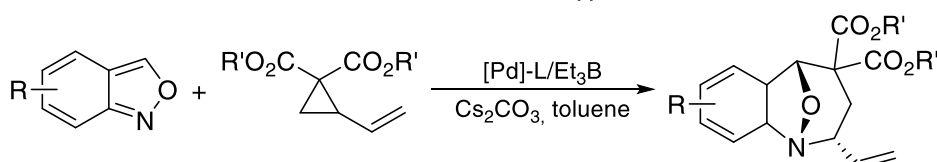
Technical Notes:

- Used as a radical initiator in the radical-polar crossover reactions of vinylboron ate complexes to form two C–C bonds in the absence of transition metals, via radical addition and a subsequent 1,2-R shift.
- Acts as a Lewis acid in the regioselective copolymerization of carbonyl sulfide and epoxides.
- Used for the deuteration of alkyl iodides via radical pathway using D₂O as source of deuterium.
- Additive used in the Pd-catalyzed prenylation of indoles with isoprene.
- Used in the Pd-catalyzed dearomatization of anthranils with vinylcyclopropanes by [4+3] cyclization reaction.
- Used as an ethyl radical initiator in the presence of air, a borane-carbene complex, glycosyl sulfoxides as radical precursor to initiate synthesis of glycopeptidomimetics and carbohydrate-drug conjugates.
- Catalyst for the metal-free alkynylsulfonylation of vinylarenes.
- Used in the KOtBu/BEt₃ catalyzed transition-metal-free chemoselective hydroborative reduction of nitro motifs.
- Reaction initiator in the radical addition of SF₅Cl to cyclopropenes to generate (pentafluorosulfanyl)cyclopropanes.
- Reaction initiator for polymerization of dienyltriphenylarsonium ylides to afford random terpolymers with predominantly C5 repeating units.

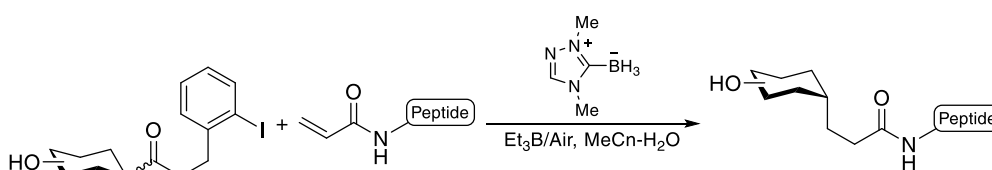




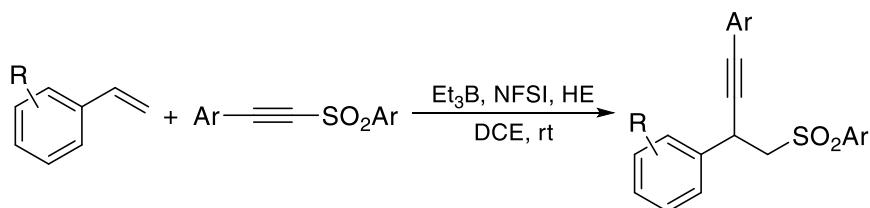
Tech Note (4)
Ref. (4)



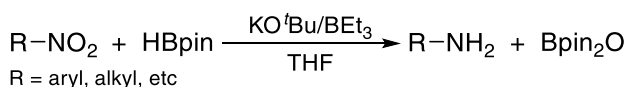
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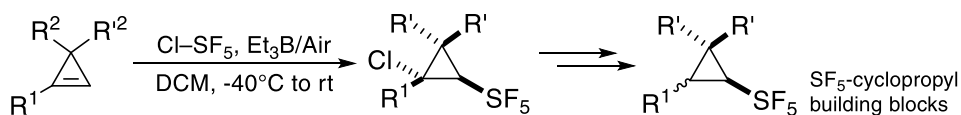
Tech Note (6)
Ref. (6)



Tech Note (7)
Ref. (7)

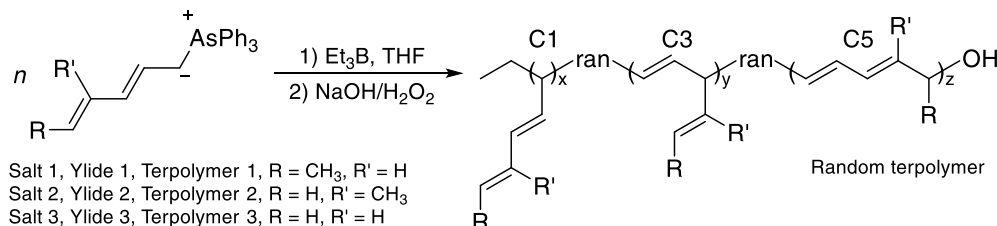


Tech Note (8)
Ref. (8)



Tech Note (9)
Ref. (9)

R₂ = CO₂Alkyl, CH₂OAc, Ph; R'₂ = H, CO₂Me, CO₂Ac;
R₁ = Alkyl, (CH₂)_nOR, CH₂NPhth



Tech Note (10)
Ref. (10)

Salt 1, Ylide 1, Terpolymer 1, R = CH₃, R' = H
Salt 2, Ylide 2, Terpolymer 2, R = H, R' = CH₃
Salt 3, Ylide 3, Terpolymer 3, R = H, R' = H

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