Tin-containing Indane and Tetralin Derivatives

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The preparation of tin-containing indane and tetralin derivatives *via* two different reaction pathways is reported. The first route is the reaction of dichlorostannanes or bis(fluoroalkylsulfonyl)stannanes with α,α'-di(chloromagnesium)xylene. The second reaction is the direct coupling of chlorostannanes and α,α'-dichloroxylene which always yields a mixture of tin-containing indanes and tetralins. The separation of these compounds can easily be achieved by fractional crystallization. By these simple and effective routes the first 2,3-distannatetralins were synthesized.

Key words: ^{119}Sn NMR Spectroscopy, Indane, Tetralin, Stannanes, Fluoroalkane Sulfonic Acids