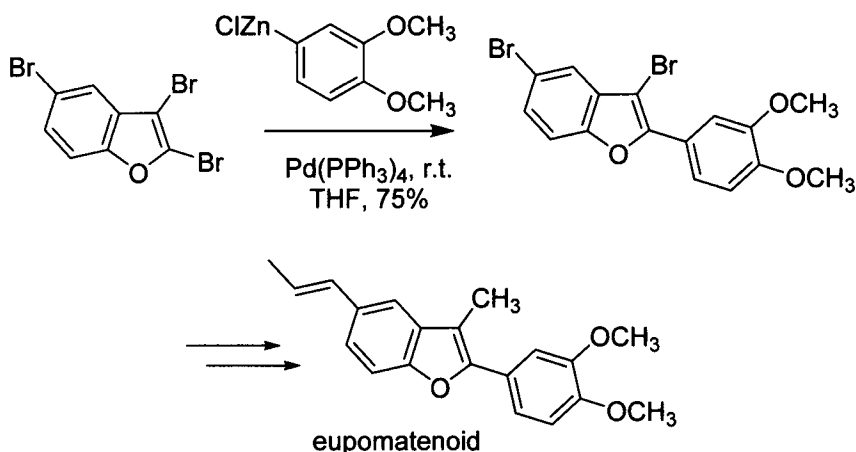


Bach and Bartels used a Negishi cross-coupling reaction as a key step in their synthesis of eupomatenoid.²² Members of this class of compound have been shown to exhibit anti-parasitic activity against *Leishmania* and *Trypanosoma cruzi*. Reaction of 2,3,5-tribromobenzofuran with (3,4-dimethoxyphenyl)zinc(II) chloride gave the desired product selectively in 75% yield.



A C-H insertion was also employed in the synthesis of 3-substituted furans. Coupling of 2,5-dimethylfuran with 4-methystyrene using palladium(II) acetate gave the *trans*-alkenyl furan selectively and in modest yield.²³