

tracted with ether. The ether extract was washed with water and dried over Na_2SO_4 . The residue after removal of the solvent was recrystallized from MeOH. *m*-Nitrotolan (0.181 g, 81%) was obtained.

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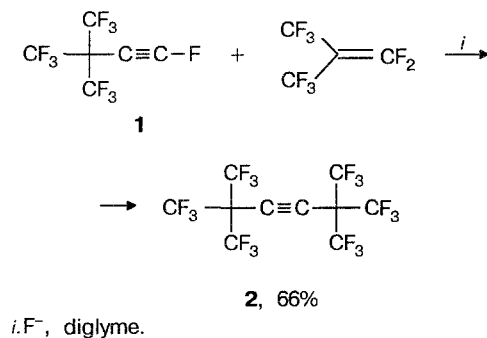
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Perfluoro-1,2-di-*tert*-butylacetylene

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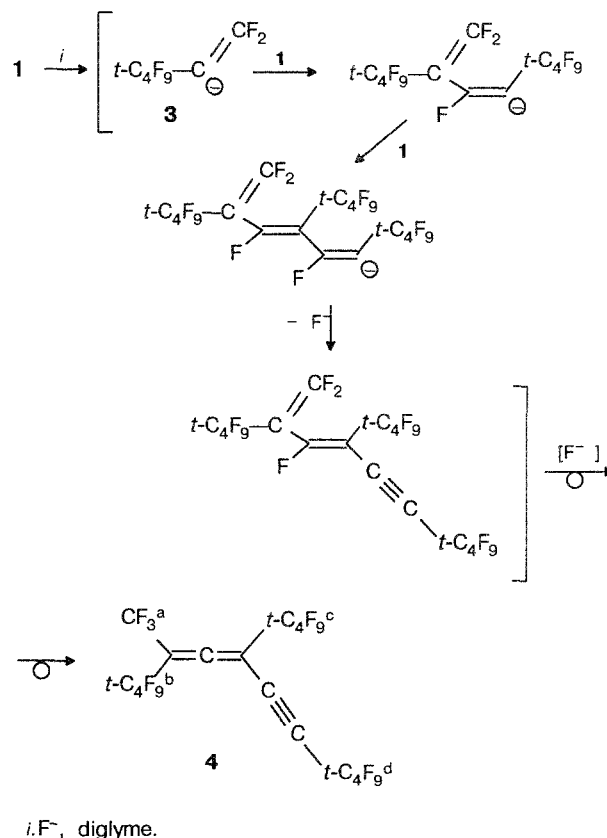
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We found that perfluoro-*tert*-butylacetylene (**1**) reacts with the perfluoro-*tert*-butyl anion generated from perfluoroisobutylene and a catalytic amount of CsF to afford perfluoro-2,2,5,5-tetramethyl-3-hexyne (**2**).



Along with acetylene **2**, the product of the trimerization of the starting acetylene **1** (**4**) was found in the reaction mixture; the formation of the latter is apparently related to the ease of generation and high the reactivity of the concurrently formed vinyl anion (**3**).

Perfluoroisobutylene (6 g) was added gradually to a stirred mixture of freshly calcinated CsF (0.5 g) and anhydrous diglyme (10 mL) at 20 °C; the mixture was stirred for 10 min, then **1** (6 g) in diglyme (5 mL) was



† Deceased.

