

Characterization of some terminal aliphatic alkyne oligomers by high field carbon-13 NMR spectroscopy. Wazeer, Mohammed I. M.; Tsonis, Christos P. Dep. Chem., Univ. Pet. and Miner., Dhahran, Saudi Arabia. *Polymer Communications* (1986), 27(5), 145-7.

Abstract

The terminal alkynes, 1-hexyne, 1-heptyne, 1-nonyne, 1-decyne, 1-undecyne, 1-dodecyne, 1-tridecyne and 1-tetradecyne were oligomerized in the presence of the Mo(CO)₆/MeCN homogeneous catalyst system. The oligomers were analyzed by C-13 NMR in terms of various geometric structures