A Journal of the Gesellschaft Deutscher Chemiker ANGELUCIA CLE International Edition A Journal of the Gesellschaft Deutscher Chemiker Chemiker Chemiker Chemiker Www.angewandte.org

2013-52/17

An air-stable, dimeric, crystalline ...

... molybdenum propylidyne complex is activated by alcohol to initiate ring-opening alkyne metathesis polymerization (ROAMP) of cyclooctynes, as reported by C. Nuckolls and co-workers in their Communication on page 4591 ff. A mononuclear alcohol adduct was identified by NMR and kinetic studies as a key intermediate in the formation of metathesis-active species. The ROAMP reaction tolerates air, water, and phenolic substrates. Picture design: D. W. Paley.



WILEY-VCH