

LIVING AND QUASILIVING CATIONIC TELECHELIC POLYMERS
QUENCHED BY N-SUBSTITUTED PYRROLE AND METHODS FOR THEIR
PREPARATION

ABSTRACT

Disclosed is a method of preparing terminally functionalized telechelic polymers using a cationic living polymer product or a terminal *tert*-chloride chain end of a carbocationic quasiliving polymer product, which comprises quenching the polymer product with an N-substituted pyrrole to thereby functionalize the N-substituted pyrrole at the terminal reactive polymer chain end(s). Also disclosed are the terminal functionalized polyisobutyl N-substituted pyrrole compounds where the polyisobutyl group is substituted at the 2 and 3 position of the N-substituted pyrrole.