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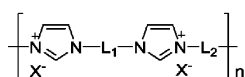
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(54) Title: ACID-SENSITIVE DEGRADABLE IMIDAZOLIUM POLYMERS FOR ANTIMICROBIAL APPLICATIONS



Formula (I)

(57) Abstract: The present disclosure relates to polymers having the following Formula (I) : where L₁ is a degradable linker preferably containing an acetal or orthoformate group, and methods for preparing the same. The present disclosure also relates to antimicrobial compositions comprising the polymers and their uses in inhibiting or killing microorganisms for therapeutic and non-therapeutic applications.

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