



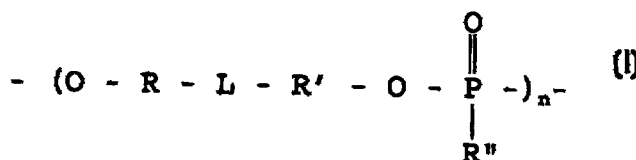
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(71) Applicants: GUILFORD PHARMACEUTICALS INC. [US/US]; 6611 Tributary Street, Baltimore, MD 21224 (US). JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE [US/US]; Suite 2-100, 2024 East Monument Street, Baltimore, MD 21205 (US).			
(72) Inventors: DANG, Wenbin; 2320 F Tarleton Lane, Baltimore, MD 21234 (US). MAO, Hai-quan; Apartment C8, 334 Stevenson Lane, Towson, MD 21204 (US). SHIPANOVA-KADIYALA, Irina; 1531 Lancaster Street, Baltimore, MD 21231 (US). LEONG, Kam, W.; 10242 Breconshire Road, Ellicott City, MD 21042-5854 (US). ZHAO, Zhong; 2320 F Tarleton Lane, Baltimore, MD 21234 (US). ENGLISH, James, P.; 2440 County Road 39, Chelsea, AL 35043 (US).			
(74) Agent: NATH, Gary, M.; Nath & Associates, 1030 15th Street, N.W., 6th Floor, Washington, DC 20005 (US).		Published <i>With international search report.</i>	

(54) Title: BIODEGRADABLE COMPOSITIONS COMPRISING POLY(CYCLOALIPHATIC PHOSPHOESTER) COMPOUNDS, ARTICLES, AND METHODS FOR USING THE SAME

(57) Abstract

Biodegradable, flowable or flexible polymer compositions are described comprising a polymer having the recurring monomeric units shown in formula (I), wherein: each of R and R' is independently straight or branched alkylene, either unsubstituted or substituted with one or more non-interfering substituents; L is a divalent cycloaliphatic group; R'' is selected from the group consisting of H, alkyl,



alkoxy, aryl, aryloxy, heterocyclic or heterocycloxy; and n is 5 to 1,000, wherein said biodegradable polymer is biocompatible before and upon biodegradation. In one embodiment, one or more of R, R' or R'' is a biologically active substance. Amorphous compositions containing a biologically active substance, in addition to the polymer, and methods for controllably releasing biologically active substances using the compositions, are also described.