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(71) Applicant *(for all designated States except US)*: ALTUS BIOLOGICS INC. [US/US]; 625 Putnam Avenue, Cambridge, MA 02139–4807 (US).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: YAO, Yiming [CN/US]; 27 Cottage Place, Newton, MA 02465–1525 (US). WANG, Yi, Fong [US/US]; 17 Skyview Road, Lexington, MA 02420 (US).

(74) Agents: HALEY, James, F., Jr. et al.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

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(54) Title: NON–HOMOGENEOUS SYSTEMS FOR THE RESOLUTION OF ENANTIOMERIC MIXTURES

(57) Abstract

The present invention relates to a process for the biocatalyst–mediated enantioselective conversion of enantiomeric mixtures of hydrophobic esters using a biphasic solvent system. More particularly, the present invention relates to the enzyme–mediated enantioselective synthesis of anti–viral compounds, such as 2–hydroxymethyl–5–(5–fluorocytosin–1–yl)–1,3–oxathiolane (FTC) and its analogues, in a non–homogeneous reaction system.