LIST OF PUBLICATIONS

(1) Remarkable chemo-, regio- and enantioselectivity in lipase catalysed hydrolysis: Efficient resolution of (±)-threo-ethyl 3-(4-methoxyphenyl)-2,3-diacetoxypropionate leading to chiral intermediates of (+)-diltiazem


(2) A facile synthesis of ras farnesyl-protein transferase inhibitor Chaetomelic acid-A


(3) Highly efficient chemo- and enantioselective enzymatic resolution of (±)-methyl O-acetylmandelates


(4) Selectivity paradigm in lipase reactions: Correlating actual and observed regioselectivity in hydrolysis of unsymmetrical diacetates


(5) Synthesis and an attempted enzymatic resolution of (±)-hydroxychaetomelic acid A

(Manuscript under preparation)

(6) Correlation of actual and observed enantioselectivities in meso-diacetates: synthesis of optically pure α-hydroxycyclopentanones

(Unpublished results)

(7) An enzymatic process for the preparation of optically pure isomers of Ethyl 2,3-dihydroxy-3-(4-methoxyphenyl) propanoate. Indian Patent (No. 2738/del/96) 1996

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