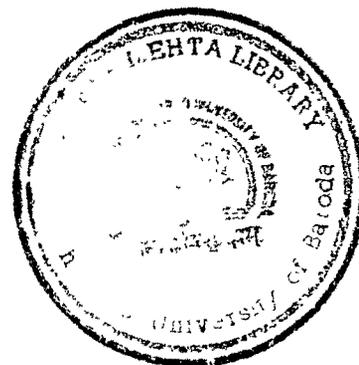


ASYMMETRIC SYNTHESIS



THESIS SUBMITTED TO
THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA
FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY
IN
CHEMISTRY

BY
SHABBIR ALI S. TAJ

MALI CHEM RESEARCH CENTRE
NANDESARI, BARODA-391 340
INDIA
1995

7/11

8297