## CONTENTS

### Chapter I  Synthesis of 1,2-Diarylethanediarnines
1. Introduction 1  
2. Objectives 17  
3. Results and Discussion 19  
4. Conclusions 32  
5. Experimental 33  
6. References 67

### Chapter II  Synthesis of Enantiomerically Pure Alkylthioimidazolines, Amidines and Guanidines and their Application in Stereoselective Reactions
1. Introduction 79  
2. Objectives 79  
3. Results and Discussion 79  
4. Conclusions 105  
5. Experimental 106  
6. References 134

### Chapter III  Synthesis of 1,2-Diaryldiketones
1. Introduction 144  
2. Objectives 153  
3. Results and Discussion 153  
4. Conclusions 157  
5. Experimental 158  
6. References 165