TABLE OF CONTENTS

TABLE OF CONTENTS (CONTINUED)

TABLE OF CONTENTS (CONTINUED)

TABLE OF CONTENTS (CONTINUED)

TABLE OF CONTENTS (CONTINUED)

TABLE OF CONTENTS (CONTINUED)

TABLE OF CONTENTS (CONTINUED)

TABLE OF CONTENTS (CONTINUED)

LIST OF TABLES

LIST OF TABLES (CONTINUED)

LIST OF TABLES (CONTINUED)

LIST OF FIGURES

LIST OF FIGURES (CONTINUED)

LIST OF FIGURES (CONTINUED)

LIST OF FIGURES (CONTINUED)

LIST OF FIGURES (CONTINUED)

LIST OF SCHEMES

LIST OF SCHEMES (CONTINUED)

LIST OF SCHEMES (CONTINUED)

ABBREVIATIONS AND SYMBOLS

Ar	Aryl
b.p.	Boiling point
brs	broad singlet
n-BuLi	*normal*-Butyllithium
c	Concentration
calc.	Calculated
d	Doublet
dd	Double doublet
ddd	Doublet of double doublet
dq	Double of quartet
equiv.	Equivalent
EtOAc	Ethyl acetate
Et_3N	Triethylamine
i-C_3H_7	*iso*-Propyl
IC_{50}	50% Inhibitory concentration
J	Coupling constant
h	Hour
Hz	Hertz
FT-IR	Furear transfer infrared radiation
lit.	Literature
LDA	Lithium diisopropylamide
m	Multiplet
min	Minute
ml	Milliliter
m.p.	Melting point
Me	Methyl
MHz	Megahertz
NMR	Nuclear magnetic resonance

ABBREVIATIONS AND SYMBOLS (CONTINUED)

MOESY(NOE)	Nuclear overhauser enhancement spectroscopy
MW	Molecular weight
m/z	mass-to-charge ratio
n-C_4H_9	*normal*-Butyl
PLC	Preparative layer chromatography
ppm	Parts per million (in NMR)
q	Quartet
RT = rt	Room temperature (°C)
R_f	Retardation factor
s	Singlet
t	Triplet
T	Temperature (°C)
THF	Tetrahydrofuran
TLC	Thin layer chromatography
ν	Wavenumber (cm^{-1})
δ	Chemical shift (ppm)
λ	Wavelength (cm^{-1})
μg	Microgram