Contemporary Organic Synthesis

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CONTENTS

Cycloadditions in synthesis

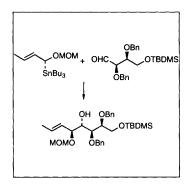
By Colin P. Dell

Reviewing the literature published between January 1995 and June 1996

Organic halides

By Stephen P. Marsden

Reviewing the literature published between 1 July 1995 and 30 June 1996

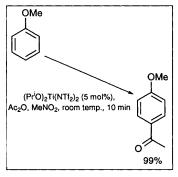


synthesis

By Iain Coldham

Reviewing the literature published between July 1995 and June 1996

Main group organometallics in



Aldehydes and ketones

By Nicholas J. Lawrence

Reviewing the literature published between October 1995 and September 1996 87

118

136

164

Cumulative Contents of Volume 4

Number 1

- 1 Asymmetric processes (January 1994 to March 1995) Andrew C. Regan
- 22 Applications of stoichiometric organotransition metal complexes in organic synthesis (1 May 1995 to 30 April 1996) Timothy J. Donohoe, Paul M. Guyo, Peter R. Moore and Clare A. Stevenson
- 40 Saturated and unsaturated hydrocarbons (January 1995 to May 1996) David A. Entwistle
- 61 Synthetic developments in host-guest chemistry (January to December 1995) Justin J. B. Perry and Jeremy D. Kilburn

Number 2

- 87 Cycloadditions in synthesis (January 1995 to June 1996) Colin P. Dell
- 118 Organic halides (1 July 1995 to 30 June 1996) Stephen P. Marsden
- 136 Main group organometallics in synthesis (July 1995 to June 1996) Iain Coldham
- 164 Aldehydes and ketones (October 1995 to September 1996) Nicholas J. Lawrence

Articles that will appear in forthcoming issues include

Imines, enamines and related functional groups (May 1993 to January 1995) Joseph P. Adams and Graeme Robertson Saturated oxygen heterocycles (1 July 1994 to 30 September 1996) Mark C. Elliott

Common acronyms

AIBN	azoisobutyronitrile	DMS	dimethyl sulfide
BBN	9-borabicyclo[3.3]nonane	DMSO	dimethyl sulfoxide
BINAP	2,2'-bis(diphenylphosphino)-1,1'-binaphthyl	EDTA	ethylenediaminetetraacetic acid
Bn	benzyl	ee	enantiomeric excess
Boc	tert-butoxycarbonyl	HMPA	hexamethylphosphoramide
Bz	benzoyl	LAH	lithium aluminium hydride
CAN	cerium(IV) ammonium nitrate	LDA	lithium diisopropylamide
COD	cycloocta-1,5-diene	MCPBA	<i>m</i> -chloroperbenzoic acid
Ср	cyclopentadienyl ligand	NBS	N-bromosuccinimide
CSA	camphorsulfonic acid	PCC	pyridinium chlorochromate
Cy	cyclohexyl	PEG	poly(ethylene glycol)
DABCO	1,4-diazabicyclo[2.2.2]octane	TBAF	tetrabutylammonium fluoride
DBU	1,8-diazabicyclo[5.4.0]undec-7-ene	TBDMS	tert-butyldimethylsilyl
DCC	1,3-dicyclohexylcarbodiimide	TCNQ	tetracyanoquinodimethane
DDQ	2,3-dichloro-5,6-dicyano-1,4-benzoquinone	TFA	trifluoroacetic acid
de	diastereomeric excess	TFAA	trifluoroacetic anhydride
DEAD	diethyl azodicarboxylate	TMEDA	N, N, N', N'-tetramethylethylenediamine
DIBAL-H	diisobutylaluminium hydride	THF	tetrahydrofuran
DMAD	dimethyl acetylenedicarboxylate	TMS	trimethylsilyl or tetramethylsilane (can be used
DMAP	4-dimethylaminopyridine		for either as long as no ambiguity results)
DME	dimethoxyethane	tris	tris(hydroxymethyl)aminomethane
DMF	N,N-dimethylformamide	TTF	tetrathiafulvalene
	•	Z	benzyloxycarbonyl

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