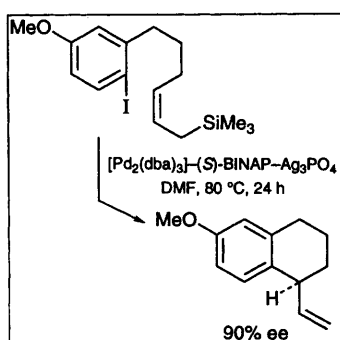


Contemporary Organic Synthesis

A journal of current developments in Organic Synthesis

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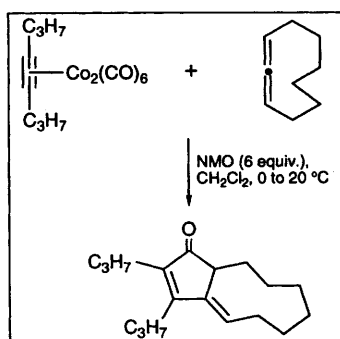


Asymmetric processes

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By Andrew C. Regan

Reviewing the literature published between January 1994 and March 1995

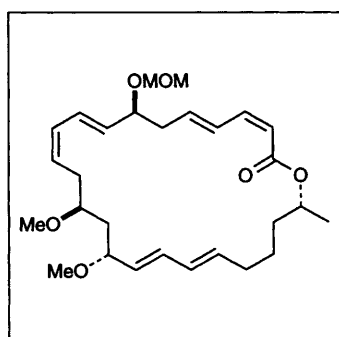


Applications of stoichiometric organotransition metal complexes in organic synthesis

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By Timothy J. Donohoe, Paul M. Guyo, Peter R. Moore and Clare A. Stevenson

Reviewing the literature published between 1 May 1995 and 30 April 1996

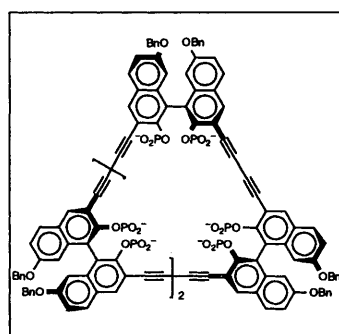


Saturated and unsaturated hydrocarbons

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Reviewing the literature published between January 1995 and May 1996



Synthetic developments in host-guest chemistry

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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	<i>tert</i> -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
Cp	cyclopentadienyl ligand	NBS	<i>N</i> -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	<i>tert</i> -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	<i>N,N,N',N'</i> -tetramethylethylenediamine
DIBAL-H	diisobutylaluminium hydride	THF	tetrahydrofuran
DMAD	dimethyl acetylenedicarboxylate	TMS	trimethylsilyl or tetramethylsilane (can be used for either as long as no ambiguity results)
DMAP	4-dimethylaminopyridine	tris	tris(hydroxymethyl)aminomethane
DME	dimethoxyethane	TTF	tetrathiafulvalene
DMF	<i>N,N</i> -dimethylformamide	Z	benzyloxycarbonyl

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