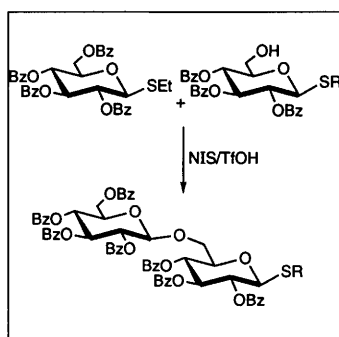


# Contemporary Organic Synthesis

*A journal of current developments in Organic Synthesis*

VOLUME 3 NUMBER 3

## CONTENTS

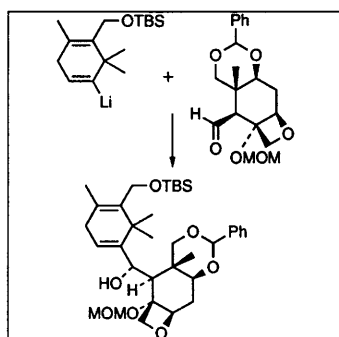


Recent developments in chemical oligosaccharide synthesis

173

**By Geert-Jan Boons**

*Reviewing the literature published up to October 1995*

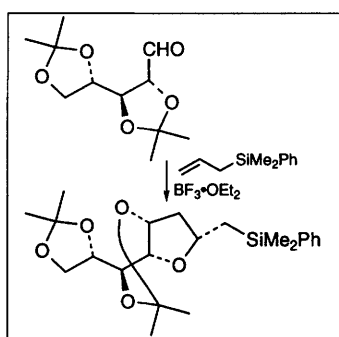


Main group organometallics in synthesis

201

**By Martin Wills**

*Reviewing the literature published between January 1994 and June 1995*

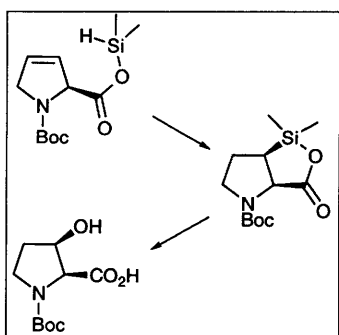


Saturated oxygen heterocycles

229

**By Christopher J. Burns and Donald S. Middleton**

*Reviewing the literature published between October 1994 and September 1995*



Carboxylic acids and esters

243

**By Tammy Ladduwahetty**

*Reviewing the literature published between 1 August 1994 and 31 July 1995*

## Cumulative Contents of Volume 3

### Number 1

- 1 Stoichiometric applications of organotransition metal complexes in organic synthesis (*1 September 1994 to 30 April 1995*) **Timothy J. Donohoe**
- 19 Saturated and partially unsaturated carbocycles (*January 1994 to April 1995*) **Christopher D. J. Boden and Gerald Pattenden**
- 41 The enediyne and dienediyne based antitumour antibiotics. Methodology and strategies for total synthesis and construction of bioactive analogues. Part 1 (*up to 15 October 1995*) **Hervé Lhermitte and David S. Grierson**
- 65 Alcohols, ethers and phenols (*August 1993 to February 1995*) **C. S. Hau, Ashley N. Jarvis and Joseph B. Sweeney**

### Number 2

- 93 The enediyne and dienediyne based antitumour antibiotics. Methodology and strategies for total synthesis and construction of bioactive analogues. Part 2 (*up to 15 November 1995*) **Hervé Lhermitte and David S. Grierson**
- 125 The discovery of fluconazole (*up to December 1994*) **Ken Richardson**
- 133 Organic halides (*1 July 1994 to 30 June 1995*) **Stephen P. Marsden**
- 151 Aldehydes and ketones (*October 1994 to September 1995*) **Patrick G. Steel**

### Number 3

- 173 Recent developments in chemical oligosaccharide synthesis (*up to October 1995*) **Geert-Jan Boons**
- 201 Main group organometallics in synthesis (*January 1994 to June 1995*) **Martin Wills**
- 229 Saturated oxygen heterocycles (*October 1994 to September 1995*) **Christopher J. Burns and Donald S. Middleton**
- 243 Carboxylic acids and esters (*1 August 1994 to 31 July 1995*) **Tammy Ladduwahetty**

## Articles that will appear in forthcoming issues include

Saturated nitrogen heterocycles (*1995*) **Timothy Harrison**

Catalytic applications of transition metals in organic synthesis (*1 September 1994 to 31 October 1995*) **Graham J. Dawson, Justin F. Bower and Jonathan M. J. Williams**

Saturated and unsaturated lactones (*1 August 1994 to 31 October 1995*) **Ian Collins**

Amines and amides (*1995*) **Michael North**

Synthetic approaches to rapamycin **Mark C. Norley**

Synthetic applications of flash vacuum pyrolysis (*1990 to 1995*) **Hamish McNab**

Protecting groups (*1995*) **Krzysztof Jarowicki and Philip Kocienski**

The synthesis of quinones (*1 January 1991 to 31 December 1995*) **Peter T. Gallagher**