

*Find the Chemical Information You Need
In One Convenient Place . . .*

STN International

- ▶ **What are the latest developments in pharmaceuticals for the oral absorption of insulin?**
- ▶ **Which heat-resistant polymers can you use to support a rhodium catalyst?**
- ▶ **Where can you buy crown ethers?**

Your chemical research begins with your questions. **STN** International, the scientific and technical information network, gives you comprehensive answers – online.

STN is a complete chemical resource.

- ▶ **STN** gives you immediate access to some of the world's best chemistry and chemical engineering databases, such as CAS ONLINE, Gmelin Formula Index, American Petroleum Institute Patent Database and Chemical Journals Online.
- ▶ With **STN** you'll find information on petrochemicals, pharmaceuticals, polymers, agricultural chemicals, toxicity, textile chemistry, surfactants, adhesives, electrochemistry, biochemistry and much more . . .
- ▶ You can search for analysis, biological studies, occurrence, preparation, properties, reactions and uses reported in the world's chemical literature.

Online searching is fast and efficient – and the best way to search for chemical structures or substructures!

You'll find **STN** is easy to learn and simple to search. Our tutorial disks and our thorough documentation show you how. And if you have questions while searching, you can phone our **STN** Help Desk for personalised assistance.

***Join the future of chemical research, search STN.
Please fill out and return this coupon today.***

YES! I want to know how to do easy chemistry researching on STN!

- Please rush me my **FREE STN** information packet
- Please send me my **FREE STN** floppy disk tutorial, STN Mentor; STN Overview, for IBM PC and 100% compatible personal computers.

Name

Position

Organisation

Address

.....

.....

Telephone No.

Please return to:

STN International
Marketing Department
c/o Royal Society of
Chemistry
The University
Nottingham
NG7 2RD, UK

ROYAL
SOCIETY OF
CHEMISTRY



Information
Services

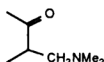
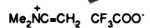
Lancaster Catalogue

8990

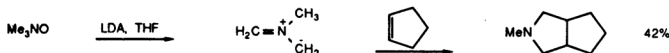


Completely revised
1152 pages
1000 new items

6500 literature references to some 2000 items
Illustrated by 1500 reaction flow-charts
Semi-bulk and bulk quantity indications
Extensive cross-referencing

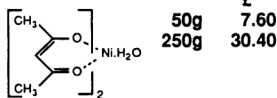


Deprotonation by lithium diisopropylamide at low temperature gives the unstable azomethine ylide, which undergoes 1,3-dipolar addition even with unactivated alkenes, to give pyrrolidines: *J.Chem.Soc., Chem. Commun.*, 31 (1983):

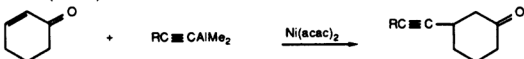


Compare also N-methylmorpholine-N-oxide, 5957, p.710.

7854 Nickel acetylacetonate hydrate
[Nickel(II)2,4-pentanedionate hydrate]
F.W. 274.94, m.p. ca 285°(dec), [3264-82-2]
HARMFUL / POSSIBLE CARCINOGEN
Please ask for bulk prices (5Kg to 100Kg+)
Catalyst for a variety of useful coupling reactions, including:
Conjugate addition of alkynylaluminium reagents to enones: *J.Am.Chem.Soc.*, 100, 2244 (1978):

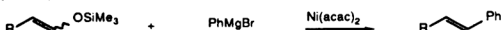


50g £ 7.60
250g 30.40



Conjugate addition of cis-alkenylzirconium reagents, from the hydrozirconation of alkynes, to Michael acceptors, with retention of configuration: *J.Am.Chem.Soc.*, 102, 1333 (1980).

Coupling of Grignard reagents to give biaryls: *J.Org.Chem.*, 41, 2252 (1976).
Coupling of Grignard reagents with silyl enol ethers of both aldehydes and ketones, to give alkenes. In contrast to dichlorobis(triphenylphosphine)nickel, 0369, p.335, this reagent gives the thermodynamically more stable alkene: *Tetrahedron Lett.*, 3915 (1980):



Out Now!

UNITED KINGDOM

Lancaster Synthesis Ltd.
Eastgate, White Lund
Morecambe, Lancs. LA3 3DY
Linkline: 0800-262336
Telephone: 0524-36101
FAX: 0524-39727
Telex: 65151 (LNCSYN G)

U.S.A. AND CANADA

Lancaster Synthesis Ltd.
P.O. Box 1000
Windham
New Hampshire 03087
Toll-free lines: 800-238-2324
Telephone: 603-889-3306
FAX: 603-889-3326

FRANCE

Lancaster Synthesis Ltd.
17 rue Vauban Zone Industrielle
F-67450 Mundolsheim
Strasbourg, France
Telephone: 88-81-96-00
FAX: 88-20-27-19
Telex: 870551 (LNCSTRM F)

GERMANY

Lancaster Synthesis GmbH
Querstraße 2
7640 Kehl, Germany
Telephone: 07851-75176

JAPAN

Hydrus Chemical Inc.
Tomitaka Bldg. 8-1
Uchikanda 2-chome
Chiyoda-ku,
Tokyo 101, Japan
Telephone: (03) 258-5031
FAX: (03) 258-6535
Telex: 2324032 (Hydrus J)

ITALY

Farmitalia Carlo Erba S.p.A.
Ufficio Vendite
Via Imbonati 24
20159 Milano, Italy
Telephone: 02-6995/2061-2081



Send Now!

Make sure you have your personal copy