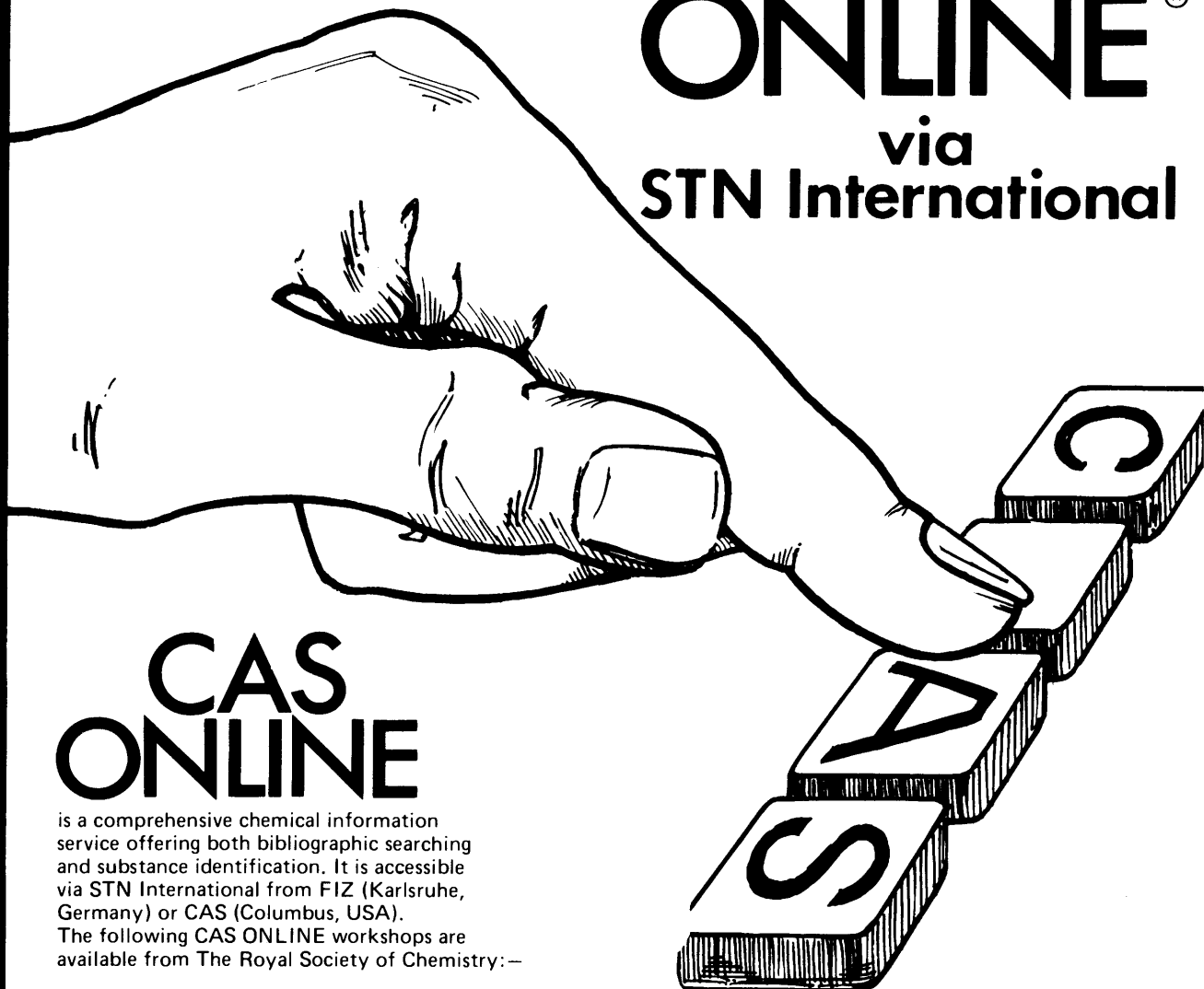


Hands on..... **CAS  
ONLINE**<sup>®</sup>  
via  
**STN International**



## CAS ONLINE

is a comprehensive chemical information service offering both bibliographic searching and substance identification. It is accessible via STN International from FIZ (Karlsruhe, Germany) or CAS (Columbus, USA).

The following CAS ONLINE workshops are available from The Royal Society of Chemistry:—

### **An Introduction to Online Searching: The CA File for Chemists—**

... designed especially for chemists, engineers, and other scientists who have little or no experience in online searching. Topics covered include: what basic tools are needed to specify your search requirements, what information can be searched using those tools, and how to evaluate the results of your search. Hands-on practice is included.

### **The CA File—Basic Level—**

... covers the basics needed to search the bibliographic and index information in the CA File on CAS ONLINE. The course is designed for librarians and other information searchers who have experience in online searching but are new at searching the CA File on CAS ONLINE. Topics covered include command language, searchable and displayable fields, and the basic techniques needed to use the CA File effectively. Hands-on practice is included.

### **Search Strategy in the CA File—**

... designed for the searcher who has experience in searching the CA File on CAS ONLINE and/or has attended an introductory CA File Workshop. The course will focus on search strategy, data base content, CAS's indexing policies, and the use of search aids. Knowledge of the command language is required.

### **The Registry File—Basic Level—**

... covers substance identification in the Registry File, providing access to over 6.5 million substances. You will learn to search by structure or substructure diagram, or by chemical names. Answers include structure diagrams, Registry Numbers, synonyms, CA Index Names, and molecular formulas, as well as the ten most recent CA citations for each Registry Number. Hands-on practice is included.

For further details, contact:—

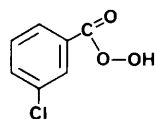
Deborah Walker, The Royal Society of Chemistry, The University, Nottingham NG7 2RD, England.

Tel. (0602) 507411 Telex: 37488

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# "Semi-Bulk" Reagents...

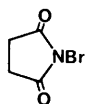
Many of our most widely-used reagents are offered in a third "semi-bulk" pack with considerable cost saving. We welcome your enquiries for "semi-bulk" or bulk quantities of any of the 6000+ products in the 1984/5 Lancaster catalogue. Make sure you have your personal copy which gives many helpful literature references to the use of these products in organic synthesis.



**0286 m-Chloroperoxybenzoic acid**  
50g £11.70; 250g £46.70; 1kg £129.60

PPh<sub>3</sub>

**2502 Triphenylphosphine**  
250g £6.90; 1kg £23.80; 5kg £105.80



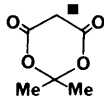
**2661 N-Bromosuccinimide**  
250g £5.60; 1kg £16.00; 5kg £64.80



**1351 1,2,4-Triazole**  
25g £6.80; 100g £21.50; 500g £95.30



**2607 Bromobenzene**  
500g £4.30; 2.5kg £17.30; 10kg £60.50



**0143 Isopropylidene malonate (Meldrum's acid)**  
25g £7.10; 100g £26.50; 500g £105.80

CICH<sub>2</sub>I

**1243 Chloriodomethane**  
10g £5.70; 50g £19.70; 250g £78.90

Bu<sub>3</sub>SnH

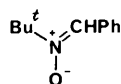
**0148 Tri-n-butyl tin hydride**  
10g £10.70; 50g £38.90; 250g £101.10

Et<sub>3</sub>O<sup>+</sup> BF<sub>4</sub><sup>-</sup>

**0103 Triethyloxonium tetrafluoroborate under ether**  
25g £8.20; 100g £30.00; 500g £129.60

Me<sub>3</sub>O<sup>+</sup> BF<sub>4</sub><sup>-</sup>

**0382 Trimethyloxonium tetrafluoroborate**  
10g £9.90; 50g £39.70; 250g £159.00



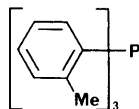
**1320 tert-Butyl-alpha-phenyl nitron**  
1g £6.70; 5g £26.80; 25g £107.10

BrCH<sub>2</sub>CH(OEt)<sub>2</sub>

**2620 Bromoacetaldehyde diethyl acetal**  
100g £4.30; 500g £19.40; 2.5kg £77.80

BrCH<sub>2</sub>CH(OMe)<sub>2</sub>

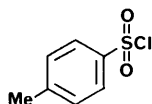
**2702 Bromoacetaldehyde dimethyl acetal**  
100g £9.70; 500g £38.90; 2.5kg £155.50



**1858 Tri-(2-tolyl) phosphine**  
1g £7.10; 5g £31.10; 25g £116.90

CH<sub>2</sub>(COOH)<sub>2</sub>

**4227 Malonic acid**  
100g £3.50; 500g £16.60; 2.5kg £60.50



**4650 p-Toluenesulphonyl chloride**  
500g £5.60; 2.5kg £22.50; 10kg £76.50

(HOCH<sub>2</sub>)<sub>2</sub>C(COOEt)<sub>2</sub>

**0556 Diethyl bis(hydroxymethyl) malonate**  
25g £5.40; 100g £18.40; 500g £84.20

Pd/C

**0712 Palladium, 5% on carbon**  
10g £5.90; 50g £27.20; 250g £121.00



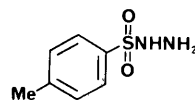
**1091 Tetramethylethylene**  
5g £3.50; 25g £10.20; 100g £32.00

MePPh<sub>3</sub><sup>+</sup> Br<sup>-</sup>

**0167 Methyl triphenylphosphonium bromide**  
50g £5.70; 250g £26.80; 1kg £90.70

Ph<sub>4</sub>P<sup>+</sup> Br<sup>-</sup>

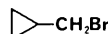
**0239 Tetraphenylphosphonium bromide**  
25g £9.50; 100g £32.00; 500g £125.30



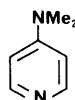
**0182 p-Toluenesulphonyl hydrazide**  
25g £5.60; 100g £14.50; 500g £63.30

EtOOCCH<sub>2</sub>PO(OEt)<sub>2</sub>

**0156 Triethyl phosphonoacetate**  
100g £6.30; 500g £23.80; 2.5kg £107.10



**1122 Cyclopropylmethyl bromide**  
5g £10.70; 25g £42.80; 100g £145.40



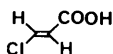
**1259 4-Dimethylaminopyridine**  
5g £3.90; 25g £14.30; 100g £40.60

MeOCH<sub>2</sub>COCI

**3210 Methoxyacetyl chloride**  
5g £8.20; 25g £32.80; 100g £112.30

CH<sub>2</sub>(COOBu<sup>t</sup>)<sub>2</sub>

**0155 Di-tert-butyl malonate**  
10g £7.30; 50g £31.10; 250g £133.90



**0600 trans-3-Chloroacrylic acid**  
5g £20.70; 25g £82.90; 100g £283.00

HSCH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>·HCl

**3551 2-Mercaptoethylamine hydrochloride**  
25g £5.00; 100g £17.70; 500g £56.80

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Telex: 2324032



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