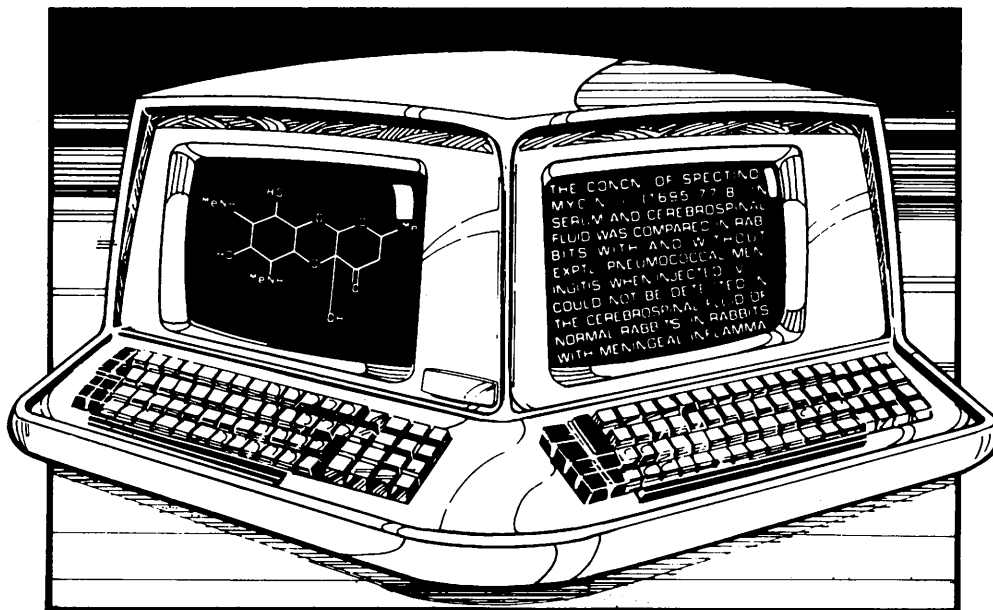


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New Products

Diethylenetriaminepentaacetic Acid, Iron(III) Disodium Salt Dihydrate

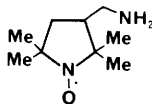


Water-soluble paramagnetic metal complex highly recommended as a water-soluble spin-lattice relaxation reagent for ^{13}C NMR spectroscopy.

Wenzel, T.J.; Ashley, M.E.; Sievers, R.E. *Anal. Chem.* **1982**, *54*, 615.

27,459-3 5g \$12.40; 25g \$40.40

3-Aminomethyl-PROXYL, Free Radical

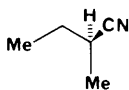


Synthesis of PROXYL spin labels used, e.g., for studying the interaction of cardiac glycosides with Na^+ , K^+ -ATPase.

Zhdanov, R.I. *et al. NIH Publ.* **1980**, NIH-80-2017, Energy Transp. Protein Synth. Horm. Control Heart Metab., 261; *Chem. Abstr.* **1982**, *96*, 62729k.

27,018-0 10mg \$17.00; 25mg \$28.00

(S)-(+)-2-Methylbutyronitrile

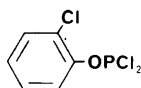


Synthesis of optically active 2-sec-butylpyridine.

Tatone, D. *et al. J. Org. Chem.* **1975**, *40*, 2987.

24,730-8 250mg \$10.00; 1g \$33.00

2-Chlorophenyl Dichlorophosphite

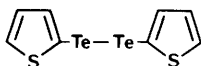


Used in the preparation of deoxy-nucleoside phosphoramidites.

Fourrey, J.L.; Varenne, J. *Tetrahedron Lett.* **1983**, *24*, 1963.

27,148-9 10g \$12.00; 50g \$40.00

Di-2-thienyl Ditelluride

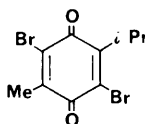


Used for the catalytic debromination of vicinal dibromides¹ and the reductive dehalogenation of α -halo-ketones.²

(1) Engman, L. *Tetrahedron Lett.* **1982**, *23*, 3601. (2) Engman, L.; Cava, M.P. *J. Org. Chem.* **1982**, *47*, 3946.

27,400-3 250mg \$9.00; 1g \$25.00

2,5-Dibromo-6-isopropyl-3-methyl-1,4-benzoquinone



Inhibits the photosynthetic electron transport system in isolated chloroplasts.

Trebst, A.; Harth, E.; Draber, W. *Z. Naturforsch.* **1970**, *25b*, 1157.

27,199-3 250mg \$14.05; 1g \$39.00

6,6-Dimethylfulvene

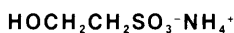


Reactive trap for labile intermediates, forming [2 + 2],¹ [4 + 2],² and [6 + 4]³ cycloadducts. Also used for the synthesis of versatile organometallic monomers.⁴

(1) Huston, R. *et al. Helv. Chim. Acta* **1982**, *65*, 451. (2) Yamochi, H. *et al. Chem. Lett.* **1982**, 459. Martin, H.-D. *et al. Tetrahedron Lett.* **1982**, *23*, 841. (3) Moustafa, A.H. *et al. J. Heterocycl. Chem.* **1981**, *18*, 1461. (4) Macomber, D.W. *et al. J. Am. Chem. Soc.* **1982**, *104*, 884.

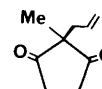
27,000-8 1g \$9.00; 5g \$30.00

Isethionic Acid, Ammonium Salt



26,844-5 5g \$13.50; 25g \$45.00

2-Allyl-2-methyl-1,3-cyclopentanedione

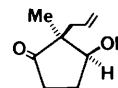


Reduction with Baker's yeast provides (2S,3S)-(+)-2-allyl-3-hydroxy-2-methylcyclopentanone (see 26,228-5 below).

Brooks, D.W.; Grothaus, P.G.; Irwin, W.L. *J. Org. Chem.* **1982**, *47*, 2820.

27,133-0 1g \$8.00; 10g \$40.00

(2S,3S)-(+)-2-Allyl-3-hydroxy-2-methylcyclopentanone



Key intermediate for the enantioselective synthesis of (R)-5-methylbicyclo[3.3.0]oct-1-ene-3,6-dione¹ and the trichothecene mycotoxin anguidine.²

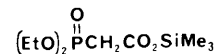
(1) Brooks, D.W. *et al. J. Org. Chem.* **1982**, *47*, 2820. (2) Brooks, D.W. *et al. J. Am. Chem. Soc.* **1983**, *105*, 4472.

26,228-5 250mg \$10.75; 1g \$30.00

Tris(2,2,2-trifluoroethyl) Phosphite (CF₃CH₂O)₃P

27,095-4 25g \$18.00; 100g \$50.00

Diethyl (Trimethylsilyloxy-carbonylmethyl)phosphonate



Reagent for the preparation of α,β -unsaturated acids from aldehydes and ketones.¹ Hydrolysis enables the preparation of diethyl carboxymethanephosphonate,^{2,3} a versatile Wittig-Horner reagent.

(1) Lombardo, L.; Taylor, R.J.K. *Synthesis* **1978**, 131. (2) *Idem Synth. Commun.* **1978**, 463. (3) Controt, P.; Snoussi, M.; Savignac, P. *Synthesis* **1978**, 133.

27,021-0 5g \$11.00; 25g \$37.00



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