

CARBON-14

EIGHT **[MORE]** NEW CARBON-14 LABELLED COMPOUNDS

Radiochemical purities 97% to 100%.
Specific activity ranges shown in italics.

Δ^4 -Androstene-3, 17- 4-30 mc/mM
dione-4-C-14 [benzene solution]
\$735/500 μ c \$100/50 μ c

Cholesteryl linoleate- 2-20 mc/mM
1-C-14 [benzene solution]
\$440/500 μ c \$60/50 μ c

Cholesteryl oleate- 2-20mc/mM
1-C-14 [benzene solution]
\$400/500 μ c \$55/50 μ c

Cholesteryl-4-C-14 10-25 mc/mM
oleate [benzene solution]
\$885/500 μ c \$120/50 μ c

Cholesteryl-4-C-14 10-25 mc/mM
palmitate [benzene solution]
\$755/500 μ c \$105/50 μ c

DL-Citric-1, 5-C-14 acid 5-20 mc/mM
monohydrate
\$255/500 μ c \$35/50 μ c

Glyceryl-1-C-14 1-5 mc/mM
tripalmitate
\$580/500 μ c \$85/50 μ c

Maltotriose-C-14 (U) 100-250 mc/mM
\$255/500 μ c \$35/50 μ c

These new compounds do *not* appear in our recently published C-14 schedule. Ask for Radiochemical Bulletins listing these and many other newly available C-14, Tritium, P-32, S-35, and Cl-36 labelled compounds. Individual product schedules are also available.

All prices F.O.B. destination. All shipments sent via prepaid Air Express. Requests for custom preparations are invited.

NUC: G-3-231



349 Howard Avenue, Des Plaines, Illinois

classed as "obsessed." Yet I know of nothing which has the motivating power of an obsession to solve a problem or prove a point. Although some educators are beginning to understand and value such unique students, it is too often the case that they are expelled from school, or are at least so frustrated and repressed by the necessity to conform to the established pattern that they grow into neurotic adults and are of little value to their fellow men. . . .

WILLIAM R. WELLS

103 NW 9th Street,
Oklahoma City 2, Oklahoma

Presentation of Papers

All scientists (and indeed nonscientists too) are aware that talks at professional meetings should be concise, lucid, and held to the allotted time. All are equally aware of how short we fall of this goal. Too often talks are rambling, confused, slow in getting underway, and then rushed and garbled as the speaker runs out of time. All this could be avoided if it were required that each speaker present the chairman of his session with a magnetic tape recording of his talk for playback over the hall's public address system. The author would sit on the platform, signal for slides at the right time, and be prepared to field questions at the end. He would have adjusted his talk to the proper length at home (or else the chairman could reject it) and he would have had to listen to it himself, the salutary effect of which would be incalculable.

M. A. VAN DILLA

Los Alamos Scientific Laboratory,
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Missing Links in Computer Intelligence

The paper by Ulric Neisser on "The imitation of man by machine" [*Science* 139, 193 (18 Jan. 1963)] describes three characteristics of human thought which are absent from machine programs. I would like to add a fourth characteristic which is, perhaps, the most important one. This is the property of "consciousness," the ability to be aware of the stimuli coming to us from our sense organs, and of the thoughts circulating in our own nerv-

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