

instances in which enzymes, far from being protected by their substrates, are inactivated more rapidly (for a review, see Grisolia, 1964), and it has been suggested that substrate-induced conformational changes may be involved. In the present case, however, the failure of Gly-Gly-Phe-Phe-OEt to cause significant change in the extent of inactivation of pepsin by DDM is difficult to explain on these grounds. Further studies are clearly needed, and work is in progress in attempts to identify the peptide regions of the protein substituted by DDM; a possibility that cannot be excluded at present is that the result with Gly-Gly-Phe-Phe-OEt is a reflection of a compensation of two effects, protection of the active site and the unmasking of protein carboxyl groups. The latter process, assumed above to be the main effect of substrates such as Z-His-Phe-Phe-OEt, may be related to the presence of an additional apolar group in the form of the benzyloxycarbonyl group in the histidine-containing substrates.

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CORRECTION

In the paper by James W. Prahl and Hans Neurath in Volume 5, No. 6, June 1966, on p 2131, the reference Putnam and Neurath (1946) should read *J. Biol. Chem.* 166, 603, rather than *J. Biol. Chem.* 223, 457.