

Concerning the Molecular Weight and Structure of the Antibiotic Vancomycin

By PAUL J. ROBERTS, OLGA KENNARD, KENNETH A. SMITH, and DUDLEY H. WILLIAMS*

(*University Chemical Laboratory, Lensfield Road, Cambridge CB2 1EW*)

Summary The known fragments of the antibiotic vancomycin have been extended to account for almost 75% of the molecular weight of the antibiotic.

VANCOMYCIN is an antibiotic which has been used in the treatment of staphylococcal infections.¹ Interest in its structure has recently been aroused by the discovery that it complexes selectively with peptides having the C-

