While ethanesulphonate salts of anticiliate drugs crystallize well and have been extensively studied, carbobamate salts have not. Trimethylammonium (TA; R.C. Haltiwanger Jr., MSc Thesis, University of Virginia, 1971) is presented for comparison. Introduction of a polar group into the 5-substituent will perturb the binding to DHFR; structure (5) was examined for changes in packing relative to (1)-(4).

The torsion angle $\phi$ of the cardiac steroid and those of the sugars are like digoxin and digoxigenin bisdigitoxoside, $\phi$ = 39.15 $\pm$ 20.81. This investigation received financial support from World Health Organization.