

 $\alpha M2$

Figure 2-12. Model of ethidium and $\alpha M2$ helix

 α -Helical model of the $\alpha M2$ segment and space filling model of ethidium were made using the molecular modeling software Insight (Biosym, Inc.). M2 residues 2' (threonine), 9' (leucine), and 20' (glutamate) are shown as space-filling models, and one amine group of ethidium is positioned in proximity to the $\alpha M2$ 9' position, which was labeled with [3 H]ethidium diazide.