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1294 Affinity Chromatography of Splicing Complexes: U2, U5, and U4+U6 Small Nuclear Ribonucleoprotein Particles in the Spliceosome: P. J. Grabowski and P. A. Sharp
Cover: Electron density, at 3.0 Å resolution, of human rhinovirus 14 complexed with the antiviral agent WIN 52084. This and related compounds inhibit viral uncoating after the virus has become attached to the cell and penetrated the membrane. Shown is the molecular interpretation of the electron density which is not seen in the native structure. (The compound consists of a 4-oxazolidinylphenoxy group linked to a 3-methylisoxazole group by a seven-membered aliphatic chain.) The compound binds into a hydrophobic pocket with viral protein I, lined by residues that are relatively well conserved among picornaviruses. See page 1286. [T. J. Smith et al., Purdue University and Sterling-Winthrop Research Institute]

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Editor's Summary

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