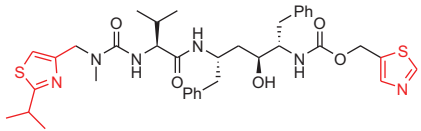
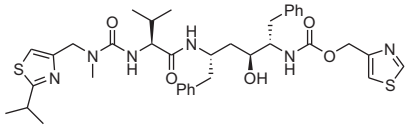
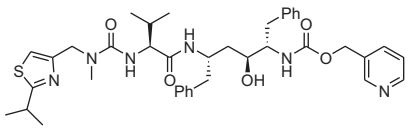
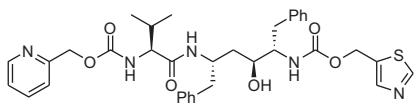
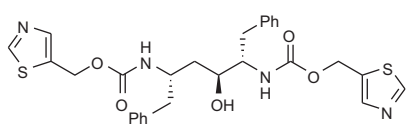
Table 13.1 CYP binding and CYP3A inhibition by analogs of ritonavir.[19]

Compound	*Structure*	*CYP binding*[a] [$\triangle A$ (nmol CYP)$^{-1}$]	*CYP3A inhibition*[b]: IC_{50} (μM)
4		0.033	0.38
11		0.024	3.0
12		0.032	1.5
13		0.033	3.8
14		0.045	2.3

[a]$\triangle A$ is a measure of the extent of binding to CYP. Microsomes were used without differentiation of CYP subtypes.
[b]Inhibition of terfenadine hydroxylase (primarily CYP3A4/5) activity in human liver microsomes.