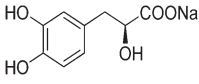
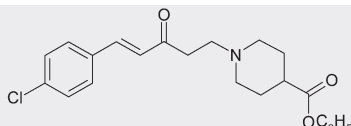
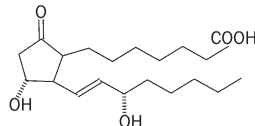


APS Pharma-shelf for This Issue

Generic name	Chemical name	Chemical structure	Novel effects and/or mechanisms	Page No
Sodium danshensu	Sodium <i>D</i> -(+)- β -(3,4-dihydroxyphenyl)- α -hydroxy propionic acid		<ul style="list-style-type: none"> ❖ Biphasic effects in isolated rat thoracic aorta rings: at low contractions producing small vasoconstrictor responses by enhancing transient extracellular Ca^{2+} influx and reducing cGMP level; at high concentrations causing vasodilator responses through blocking Ca^{2+} influx and inhibiting intracellular Ca^{2+} release, as well as opening nonselective K^+ channel and small conductance Ca^{2+}-sensitive K^+ channels. ❖ Enhancing BDNF/TrkB/CREB signaling and inhibiting neuronal apoptosis in APP/PS1 mice. 	421–428
Hydrochloride chlorobenzopiperidone	5-[(4-ethoxycarbonyl)piperidyl]-1-(4-chlorophenyl)-1-penten-3-one hydrochloride		<ul style="list-style-type: none"> ❖ Preventing inflammatory bone destruction. 	470–475
Alprostadiil	7-[3-hydroxy-2-(3-hydroxyoct-1-enyl)-5-oxo-cyclopentyl]heptanoic acid (Prostaglandin E1)		<ul style="list-style-type: none"> ❖ Protecting endothelial cells against oxidative stress induced by H_2O_2, which depends on up-regulation of NO expression. 	485–492