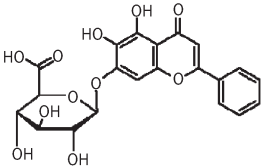
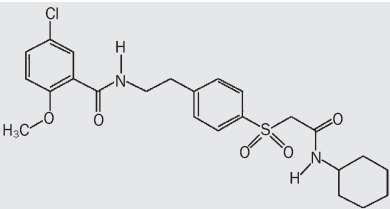
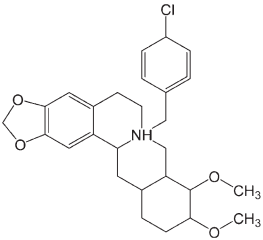
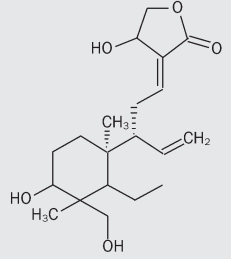
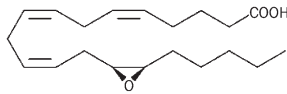
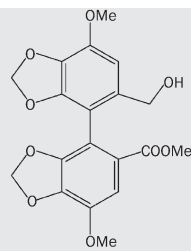
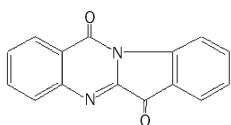


APS Pharma-shelf for This Issue

Generic name	Chemical name	Chemical structure	Novel effects and/or mechanisms	Page No
Baicalin	5,6-Dihydroxy-4-oxygen-2-phenyl-4H-1-benzopyran-7-β-D-glucopyranose acid		❖ Inhibitor of 5-lipoxygenase; antioxidative agent	137-144
Glybenclamide	5-Chloro-N-[2-[4-(cyclohexylcarbamoylsulfamoyl)phenyl]ethyl]-2-methoxybenzamide		❖ Exerting antiplatelet activity by interacting with the thromboxane receptor	150-159
p-Benzyl-tetra-hydro-berberine (CPU86017)			❖ Relieving heart failure by suppressing calcium influx, normalizing downregulated phospholamban, and exerting antioxidant activity	165-174
Andrographolide	3-[2-[Decahydro-6-hydroxy-5-(hydroxymethyl)-5,8a-dimethyl-2-methylene-1-naphthalenyl]ethylidene]-dihydro-4-hydroxy-2(3H)-furanone		❖ Regulating macrophage activation and polarization; ❖ Inhibiting humor immune response to HBSAg in mice. ❖ Reducing phosphorylation levels of ERK1/2 and AKT	191-201
14,15-Epoxy-5Z,8Z,11Z-eicosatrienoic acid (14,15-EET)			❖ Upregulation of endothelial nitric oxide synthase, enhancing angiogenesis and fibolysis activity, anti-apoptosis, anti-inflammation, inducing potent mitogenesis effect.	211-218
Bicyclol	4,4'-Dimethoxy-5,6,5',6'-bis(methylene-dioxy)-2-hydroxy-methyl-2'-methoxycarbonyl biphenyl		❖ Eliminating free radical, maintenance of mitochondrial glutathione redox status, anti-inflammation and inhibiting fibrogenesis	219-226
Tryptanthrin	Indolo[2,1-b]-quinazolin-6,12-dione		❖ Reversal of multidrug resistance	259-264