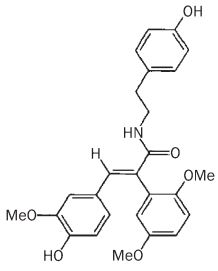
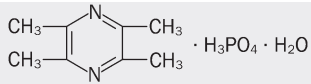
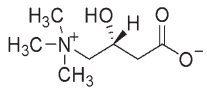
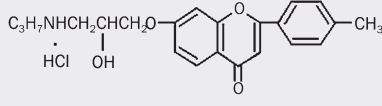
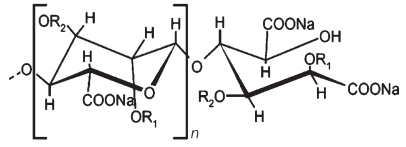


APS Pharma-shelf for This Issue

| Generic name | Chemical name | Chemical structure | Novel effects and/or mechanisms | Page No |
|-------------------------------|---|--|---|---------|
| | N-[2-(4-hydroxy-phenyl)-ethyl]-2-(2,5-dimethoxy-phenyl)-3-(3-methoxy-4-hydroxy-phenyl)-acrylamide |  | ❖ Enhancing BDNF/TrkB/CREB signaling and inhibiting neuronal apoptosis in APP/PS1 mice | 265-272 |
| Tetramethylpyrazine phosphate | 2,3,5,6-tetramethylpyrazine phosphate (TMPP) |  | ❖ Preventing cardiac dilatation, dysfunction and remodeling in dilated cardiomyopathy through inhibition of the Calm1 and Camk2b expression. | 281-288 |
| Levocarnitine | 3-Hydroxy-4-(trimethylammonio)butanoate |  | ❖ Synergistically with taurine in inhibiting the proliferation and osteoblastic differentiation of vascular smooth muscle cells via the up-regulation of taurine transporter expression and taurine uptake. | 289-296 |
| | 4'-methyl-7-(2-hydroxy-3-isopropylamino-propoxy)-flavone hydrochloride |  | ❖ Blocking human Na _v 1.5 channels expressed in <i>Xenopus laevis</i> oocytes and sodium currents in rabbit ventricular myocytes. | 297-306 |
| Oligomannurate sulfate | |  R ₁ =SO ₃ Na, R ₂ =H or SO ₃ Na, n=3-9 | ❖ Blocking tumor growth by inhibiting NF-κB activation | 375-381 |