Extra naming problems for Chapter 9 KEY

(3S)-3-methylhept-5-yn-3-ol

(7 S,8 R)-8-ethyl-7,9-dimethylde ca-2,5-diyne

(4*R*,7*SZ*)-7-bromo-4,5-dichlorooct-5-en-2-yne

(R,2E,5E)-3-methylocta-2,5-dien-7-yn-4-ol

(2S,7R)-8-methylnon-4-yne-2,7-dio1

(E)-4-ethynylhepta-3-en-1,5-diyne

(2S,5S,7R,9S)-9-ethynyl-2-methylspiro[4.5]de can-7-ol

 $(1S,2R,4S,5S)\text{-}5\text{-}\,ethynyl\text{-}2\text{-}methylbicyclo}\,[2.2.1]\text{he}\,ptan\text{-}2\text{-}\,ol$