

Exercise 9.22 – Solubility of organic compounds

Q922-01 Statement (S): solubility of alkanols in water decreases with increase in Mr. Explanation (E): the relative proportion of the hydrocarbon part in alkanols increases with increasing Mr.

- A. Both S and E are true
 - B. Both S and E are false
 - C. S is true but E is false
 - D. S is false but E is true
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Q922-02 Which of the substances below is least soluble in water?

- A. $\text{CH}_2\text{OHCH}_2\text{OH}$
 - B. CH_3COCH_3
 - C. $\text{CH}_3\text{CH}_2\text{COOH}$
 - D. $\text{CH}_3\text{COOCH}_3$
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