

Q7. Which of these substances has a lower melting point than amine?

- a) Alcohol
- b) Ether
- c) Carboxylic acid
- d) Phosphine

Answer: d

Explanation: The characteristics of primary and secondary amines are influenced by hydrogen bonding. As a result, amines have greater melting and boiling points than the comparable phosphines, but are often lower than the corresponding alcohols and carboxylic acids, ether.