

Answer on Question #42716 - Chemistry - Organic Chemistry

Question:

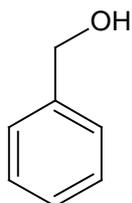
The number of isomers for the aromatic compound with molecular formula C_7H_8O is

- A) 2
- B) 3
- C) 4
- D) 5

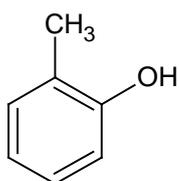
Answer:

Correct answer is **D) 5**.

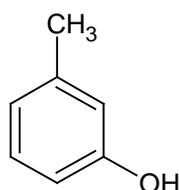
The aromatic compound with molecular formula C_7H_8O may exist as the following five isomers:



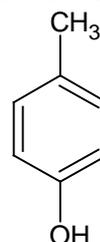
phenylmethanol



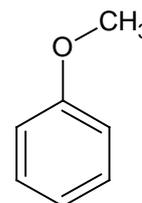
2-methylphenol



3-methylphenol



4-methylphenol



methoxybenzene