

- During physical activity, lactic acid forms in the muscle tissue and is responsible for muscle soreness. Elemental analysis shows that it contains by mass 40.0% C, 6.71% H and 53.3% O. Determine the empirical formula of lactic acid.

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Answer:

Given that lactic acid has a molar mass of 90.08 g mol^{-1} , determine its molecular formula.

Answer: