



b) What is the molecular formula?

3) A compound contains 75.46% carbon, 4.43% hydrogen, and 20.11% oxygen by mass. It has a molar mass of 318.31 g/mol.

a) What is the empirical formula?

b) What is the molecular formula?

4) A compound contains 68.4% chromium and 31.6% oxygen. It has a molar mass of 152 g/mol.

a) What is the empirical formula?

b) What is the molecular formula?