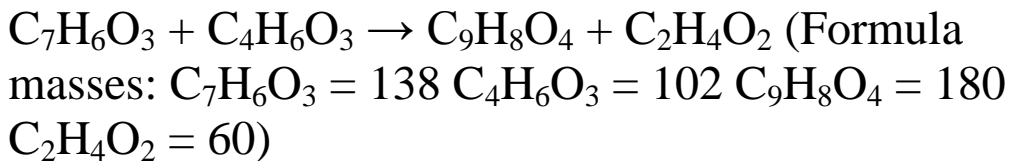


Aspirin ($\text{C}_9\text{H}_8\text{O}_4$), can be made in the reaction below:



Use the equation below to calculate the atom economy for the production of aspirin:

Atom economy = (mass of required product/total mass of product) x 100%