

Mass of  
 $\text{C}_7\text{H}_5\text{NO}_3\text{S}$

Molar mass  
(g/mol)

Moles of  
 $\text{C}_7\text{H}_5\text{NO}_3\text{S}$

Avogadro's  
number

Moles of  
 $\text{C}_7\text{H}_5\text{NO}_3\text{S}$   
molecules

Mole-to-mole  
ratio

Number of  
C atoms