

IUPAC Naming



Carboxylate Ions

Number	IUPAC Name	Molecular Formula
1	Methanoate	HCOO^-
2	Ethanoate	CH_3COO^-
3	Propanoate	$\text{C}_2\text{H}_5\text{COO}^-$
4	Butanoate	$\text{C}_3\text{H}_7\text{COO}^-$
5	Pentanoate	$\text{C}_4\text{H}_9\text{COO}^-$
6	Hexanoate	$\text{C}_5\text{H}_{11}\text{COO}^-$
7	Heptanoate	$\text{C}_6\text{H}_{13}\text{COO}^-$
8	Octanoate	$\text{C}_7\text{H}_{15}\text{COO}^-$
9	Nonanoate	$\text{C}_8\text{H}_{17}\text{COO}^-$
10	Decanoate	$\text{C}_9\text{H}_{19}\text{COO}^-$

Esters

Number	IUPAC Name	Molecular Formula
1	Methyl methanoate	HCOOCH_3
2	Methyl ethanoate (Methyl acetate)	$\text{CH}_3\text{COOCH}_3$
3	Ethyl ethanoate (Ethyl acetate)	$\text{CH}_3\text{COOC}_2\text{H}_5$
4	Methyl propanoate	$\text{C}_2\text{H}_5\text{COOCH}_3$
5	Ethyl propanoate	$\text{C}_2\text{H}_5\text{COOC}_2\text{H}_5$
6	Methyl butanoate	$\text{C}_3\text{H}_7\text{COOCH}_3$
7	Ethyl butanoate	$\text{C}_3\text{H}_7\text{COOC}_2\text{H}_5$
8	Methyl pentanoate	$\text{C}_4\text{H}_9\text{COOCH}_3$
9	Ethyl pentanoate	$\text{C}_4\text{H}_9\text{COOC}_2\text{H}_5$
10	Methyl hexanoate	$\text{C}_5\text{H}_{11}\text{COOCH}_3$