

Organic Nomenclature – Common and I.U.P.A.C. Names

Provide common names and I.U.P.A.C. names (if possible): *I.U.P.A.C.* are in italics

diethyl ether "ether" <i>(ethoxy ethane)</i>	t-butyl alcohol tert-butyl alcohol <i>2-methyl-2-propanol</i>	dimethyl ketone "acetone" <i>2-propanone</i> <i>(propanone)</i>	acetic acid <i>ethanoic acid</i>
isopropyl alcohol <i>2-propanol</i>	secbutyl alcohol <i>2-butanol</i>	formaldehyde <i>methanal</i>	isobutyl alcohol <i>2-methyl-1-propanol</i>

Provide I.U.P.A.C. Names:

5-t-butyl-3,4,4,6-tetramethyloctane	2-isopropyl-3-methyl-1-butene	6,7-diethyl-8-iodo-5-isopropyl-4-methyl-2-nonyne
4-ethyl-3-isopropyl-2-hexanol	3,3-dibromo-5-chloro-2-secbutylhexanal	2,6-diethyl-4-methyl-1-cyclohexanone
2,3-diethylpentanoic acid	ethyl 3,3-dimethylpentanoate	t-butyl 2,2,2-trichloroethanoate t-butyl trichloroethanoate t-butyl 2,2,2-trichloroacetate t-butyl trichloroacetate