

Organic Chemistry

Table of organic compounds and their smells

	ALKANES		ALKENES	ALCOHOLS		ALDEHYDES				KETONES		CARBOXYLIC ACIDS		HALOALKANES			THIOLS	AMINES		NITRILES	LACTONES	
	-ane	cyclo-ane	-ene	-anol	-an-2-ol	-anal	2-methyl-anal	3-(4-t-butylphenyl)-anal	-enal	-an-2-one	methyl-an-2-one	-anoic acid	-enoic acid	chloro-ane	bromo-ane	iodo-ane	-anethiol	-anamine	diamino-ane	-anenitrile	-anolide	
meth-1 carbon	none	doesn't exist	carbene is too unstable to smell		doesn't exist		doesn't exist	doesn't exist	doesn't exist	doesn't exist	doesn't exist	doesn't exist		doesn't exist						?		doesn't exist
eth-2 carbons	none	doesn't exist			doesn't exist		doesn't exist	doesn't exist	doesn't exist	doesn't exist	doesn't exist	doesn't exist		doesn't exist								doesn't exist
prop-3 carbons	none										doesn't exist	doesn't exist										none
but-4 carbons	none											doesn't exist										
pent-5 carbons								?														
hex-6 carbons								?								?						
benzene different naming system is used	n/a	n/a			doesn't exist			?	doesn't exist	doesn't exist			doesn't exist								doesn't exist	
hept-7 carbons								?						none		none						
oct-8 carbons							?	?			?			none								
non-9 carbons								?			?			none	none	none						
dec-10 carbons					?			?		?	?			none	none	none						
undec-11 carbons		?			?			?			?				none							
dodec-12 carbons					?		?	?		?	?				none	?						
tridec-13 carbons					?			?	?		?		?		none	?			none			
tetradec-14 carbons		none			?		?	?	?	?	?		?		none	?			none			
pentadec-15 carbons		?			?		?	?			?		?		none	?			none			