

Alkanes

C H

all C are sp^3 hybridized σ bonds

n root suffix formula

1	meth	ane	C_1H_4	6	hex	ane	C_6H_{14}
2	eth	ane	C_2H_6	7	hept	ane	C_7H_{16}
3	prop	ane	C_3H_8	8	oct	ane	C_8H_{18}
4	but	ane	C_4H_{10}	9	non	ane	C_9H_{20}
5	pent	ane	C_5H_{12}	10	dec	ane	$\text{C}_{10}\text{H}_{22}$