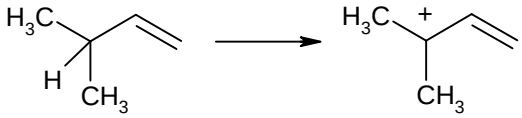
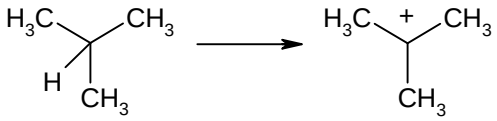
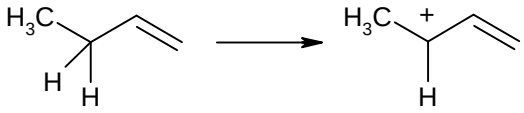
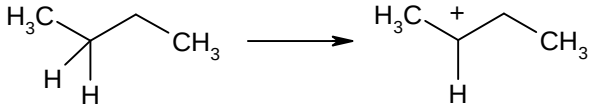
Stabilità dei Carbocationi

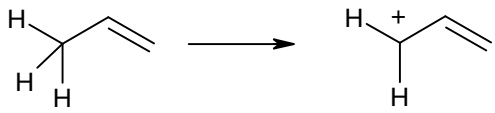
Molecola	Calore di formazione (kcal/mol)	Calore di sintesi del carbocatione (kcal/mol)
3-metil-1-butene	-4.3852	
Carbocatione allilico 3°	191.6697	196,0549 kcal/mol
2-metilpropano	-29.3822	
Carbocatione 3° t butilico	173.8977	203,2799kcal/mol
1-butene	0.1491	
Carbocatione allilico 2°	205.7704	205,6213
Butano	-31.1367	
Carbocatione 2°	183.9585	215,0952
Propene	6.5565	
Carbocatione allilico 1°	226.1981	219,6416
Carbocatione vinilico 2°	233.6569	227,1004
Carbocatione vinilico 1°	251.2036	244,6471
Propano	-24.2745	
Carbocatione 1°	207.7463	232,0208



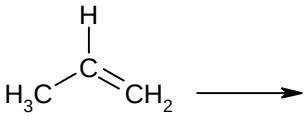




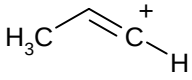




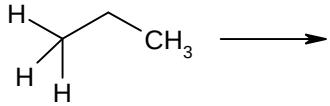
C+ allilico 2°

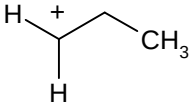


C+ vinilico 2°



C+ vinilico 1°





più stabili meno stabili

195 200 205 210 215 220 225 230 235 240 245 ΔH

3° 2° 1°

all-3° all-2° all-1° vin-2° vin-1°