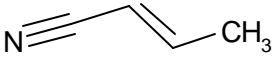


## Organics, synthesis and cleaning agents

## 802814 Crotonic acid nitrile (mixture of cis and trans isomers) for synthesis

Formula Hill	$C_4H_5N$		
Chemical formula	$CH_3CH=CHCN$		
Molar mass	67.09 g/mol		
Density	0.82 g/cm <sup>3</sup> (20 °C)		
pH value			
Form	liquid		
Color	colourless		
Odeur	characteristic		
Melting point			
Boiling point	121 - 122 °C		
Vapor pressure	16.3 hPa (19 °C)	Solubility in water	30 g/l (20 °C)
Explosion limits	1.7 - 8.8 Vol%	Solubility in ethanol	
Flash point	16 °C	Solubility in chloroform	
Thermal decomposition		Water absorption	
Heat of evaporation		Saturation conc. (air)	
Evaporation number		Dielectric constant	
Ignition temperature	465 °C	Dipole moment	
Bulk density		Viscosity dynamical	
Refractive index		Viscosity kinematical	