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Typical Product Specifications & Properties

2-Pentene

CAS Number: : 109-68-2

Specifications	Limits
Molecular weight	70.13
EINECS	203-695-0
SMILES	<chem>CC\C=C\C</chem>
InChI	1S/C5H10/c1-3-5-4-2/h3,5H,4H2,1-2H3
InChIKey	QMMOXUPEWRXHJS-UHFFFAOYSA-N
log P (octanol-water)	2.580
Water solubility	203 mg/L
Henry's Law Constant	0.240 atm-m3/mole
Boiling Point	37 ° C
Atmospheric OH Rate Constant	5.76E-11 cm3/molecule-sec
Vapor Pressure	528 mm Hg
Density	0.651 g/mL at 20 °C



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Specifications	Limits
Flash Point	-50 °F
Refractive Index	1.381
Vapor Pressure	8.06 psi (20 °C)
Merck	14,7123
Water solubility	Not miscible or difficult to mix in water.
Storage Temperature	2-8°C
Boiling Point	37 °C
Stability	Stable. Extremely flammable - note low boiling point and low flash point. Incompatible with strong oxidizing agents.



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