>>**Entry Name: 1-Chloro-4-vinylbenzene**
Synonym(s): 1-Chloro-4-ethenylbenzene, 9CI. *p*-Chlorostyrene, 8CI. (4-Chlorophenyl)ethylene

CAS Registry Number: 1073-67-2
Extra CAS Registry Numbers(s): 1331-28-8
Structure by analogy with 1-Chloro-2-vinylbenzene, DXB17-Y

Molecular Formula: C_8H_7Cl
Molecular Weight: 138.596
Accurate Mass: 138.023627
Percentage Composition: C 69.33%; H 5.09%; Cl 25.58%
Melting Point: Mp –15.9°
Boiling Point: Bp 192°. Bp_{10} 66.3°
Solubility: Insol. H_2O; sol. EtOH, Et_2O, Me_2CO, C_6H_6
Refractive Index: n_D^{20} 1.5660
Other Data: Coml. samples usually contain polym. inhibitor, e.g. 3,5-di-*tert*-butylcatechol. Undergoes radical polym. Q/e values for copolym., Q 1.33, e –0.64. Rate in radical polym., k_p 150 L mol^{-1} s^{-1}, k_t 7.7 x 10^{-5} L mol^{-1} s^{-1} (30°)

Aldrich: C7120-3
Fluka: 26360
Sigma: C8423

References:

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