



>>Entry Name: 1-Chloromethyl-4-vinylbenzene

Synonym(s): 1-(Chloromethyl)-4-ethenylbenzene, 9Cl. *p*-(Chloromethyl)styrene. *p*-Vinylbenzyl chloride

CAS Registry Number: 1592-20-7

Extra CAS Registry Numbers(s): 30030-25-2

Molecular Formula: C₉H₉Cl

Molecular Weight: 152.623

Accurate Mass: 152.039277

Percentage Composition: C 70.83%; H 5.94%; Cl 23.23%

Use/Importance: Dual-function monomer (usually as isomeric mixt. with *o*- and *m*-isomers)

Physical Description: Oil

Boiling Point: Bp 229°. Bp₃ 92°

Density: d²⁰ 1.074

Refractive Index: n_D²⁰ 1.5720

Other Data: Comly. available as a mixt. with the *m*-isomer inhibited with *tert*-butylcatechol and MeNO₂

Hazard & Toxicity: Lachrymator

Aldrich: 43688-7

References:

Arshady, R. *et al.*, *Makromol. Chem.*, 1976, **177**, 2911; 1978, **179**, 829, (*synth, ir*)

Nishikubo, T. *et al.*, *Tet. Lett.*, 1981, **22**, 3873, (*synth*)

Camps, M. *et al.*, *J. Macromol. Sci., Rev. Macromol. Chem.*, 1983, **22**, 343, (*rev, polym*)

Monthéard, J.-P. *et al.*, *Makromol. Chem.*, 1985, **186**, 2513, (*synth, ir, pmr, cmr*)