



>>Entry Name: 1-(Trifluoromethyl)-4-vinylbenzene

Synonym(s): 1-Ethenyl-4-(trifluoromethyl)benzene, 9CI. 4-(Trifluoromethyl)styrene. α,α,α -Trifluoro-4-vinyltoluene. 4-Vinylbenzotrifluoride

CAS Registry Number: 402-50-6

Related CAS Registry Numbers(s): 97552-17-5 97552-18-6

Molecular Formula: $C_9H_7F_3$

Molecular Weight: 172.149

Accurate Mass: 172.049984

Percentage Composition: C 62.79%; H 4.10%; F 33.11%

Boiling Point: Bp₂₇ 69°. Bp₁₄ 38°

Aldrich: 36960-8

Fluka: 91872

References:

Conciatori, A.B. *et al.*, *J.A.C.S.*, 1950, **72**, 2283, (*synth*)

Brown, H.C. *et al.*, *J.A.C.S.*, 1966, **88**, 5851

Hamer, G.K. *et al.*, *Can. J. Chem.*, 1973, **51**, 897, (*pmr*, *cmr*)

Mesnard, D. *et al.*, *J. Chem. Res., Synop.*, 1981, 270, (*synth*)

Happer, D.A.R., *J.C.S. Perkin 2*, 1984, 1673, (*cmr*)

Abdel-Baky, S. *et al.*, *Synth. Commun.*, 1988, **18**, 1795, (*synth*)