



>>Entry Name: Pentachloro(trichlorovinyl)benzene

Synonym(s): Pentachloro(trichloroethenyl)benzene, 9Cl. Octachlorostyrene, 8Cl. Perchlorostyrene. Trichloro(pentachlorophenyl)ethylene

CAS Registry Number: 29082-74-4

$(C_6Cl_5)CCl=CCl_2$

Molecular Formula: C_8Cl_8

Molecular Weight: 379.71

Accurate Mass: 375.750816

Percentage Composition: C 25.31%; Cl 74.69%

Physical Description: Cryst. (Me₂CO/EtOH)

Melting Point: Mp 99-100°

References:

Ruetman, S.H., *Synthesis*, 1973, 680-681, (*synth*)

Rivera, J. *et al.*, *An. Quim.*, 1974, **70**, 1194-1198, (*ms*)

Bieniek, D. *et al.*, *Chemosphere*, 1978, **7**, 729-730, (*synth*)

Huffman, J.C. *et al.*, *Proc. Indiana Acad. Sci.*, 1983, **93**, 145-147; *CA*, **103**, 14877y, (*cryst struct*)