



>>Entry Name: 1-(4-Chlorophenyl)-2-nitroethylene

Synonym(s): 1-Chloro-4-(2-nitroethenyl)benzene, 9Cl. *p*-Chloro-β-nitrostyrene, 8Cl

CAS Registry Number: 706-07-0

Structure by analogy with 1-(2-Chlorophenyl)-2-nitroethylene, [BKG49-Z](#)

Molecular Formula: C₈H₆ClNO₂

Molecular Weight: 183.594

Accurate Mass: 183.008706

Percentage Composition: C 52.34%; H 3.29%; Cl 19.31%; N 7.63%; O 17.43%

Use/Importance: Bactericide

Physical Description: Needles

Melting Point: Mp 111-112°

Rare Chemicals Library: S59468-7

References:

Remfry, F.G.P., *J.C.S.*, 1911, **99**, 286, (*synth*)

Silver, R.F. *et al.*, *Can. J. Chem.*, 1967, **45**, 1001, (*synth*)

Fr. Pat., 1972, 2 115 089; *CA*, **78**, 110864, (*synth*)

Weinberger, M.A., *Appl. Spectrosc.*, 1974, **28**, 146, (*nmr*)