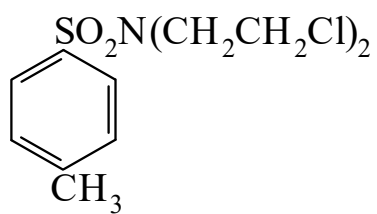




>>Entry Name: *N,N*-Bis(2-chloroethyl)-4-methylbenzenesulfonamide, 9Cl

Synonym(s): *N,N*-Bis(β -chloroethyl)-*p*-toluenesulfonamide



CAS Registry Number: 42137-88-2

Molecular Formula: C₁₁H₁₅Cl₂NO₂S

Molecular Weight: 296.216

Accurate Mass: 295.020053

Percentage Composition: C 44.60%; H 5.10%; Cl 23.94%; N 4.73%; O 10.80%; S 10.83%

Physical Description: Needles or prisms (petrol or MeOH)

Melting Point: Mp 48-49° (46°)

Rare Chemicals Library: S35863-0

Other: PB B12480

References:

Ross, W.C.J. *et al.*, *J.C.S.*, 1959, 3616, (*synth*)

Ishidate, M. *et al.*, *Chem. Pharm. Bull.*, 1960, **8**, 543, (*synth*)

Buess, M.L. *et al.*, *Org. Magn. Reson.*, 1984, **22**, 67, (*N-14 nqr, Cl-35 nqr*)

Teixidon, F. *et al.*, *J.C.S. Dalton*, 1990, 525, (*synth*)