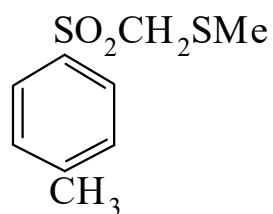




>>Entry Name: 1-Methyl-4-[[[(methylthio)methyl]sulfonyl]benzene, 9Cl

Synonym(s): (Methylthiomethyl) *p*-tolyl sulfone



CAS Registry Number: 59662-65-6

Molecular Formula: C₉H₁₂O₂S₂

Molecular Weight: 216.325

Accurate Mass: 216.02787

Percentage Composition: C 49.97%; H 5.59%; O 14.79%; S 29.65%

Use/Importance: Versatile synthetic intermed.

Physical Description: Cryst.

Melting Point: Mp 82-83°

References:

Gibson, D.T., *J.C.S.*, 1932, 1819, (*synth*)

Ogura, K. *et al.*, *Bull. Chem. Soc. Jpn.*, 1983, **56**, 3543, (*synth, pmr, ir*)

Ogura, K. *et al.*, *Chem. Lett.*, 1983, 767, (*use*)

Ogura, K. *et al.*, *Tet. Lett.*, 1983, **24**, 5761; 1985, **26**, 2455, (*use*)

Fieser and Fieser's Reagents for Organic Synthesis, Wiley, 1986, **12**, 192, (*use*)