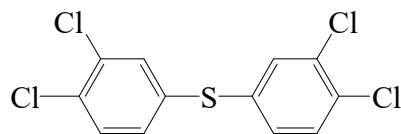




>>Entry Name: Bis(3,4-dichlorophenyl) sulfide

Synonym(s): 1,1'-Thiobis[3,4-dichlorobenzene], 9Cl



CAS Registry Number: 76745-12-5

Molecular Formula: C₁₂H₆Cl₄S

Molecular Weight: 324.056

Accurate Mass: 321.894428

Percentage Composition: C 44.48%; H 1.87%; Cl 43.76%; S 9.90%

Boiling Point: Bp₁₀ 255-257°

>>Derivative: S,S-Dioxide

Synonym(s): Bis(3,4-dichlorophenyl) sulfone

CAS Registry Number: 22588-79-0

Molecular Formula: C₁₂H₆Cl₄O₂S

Molecular Weight: 356.055

Accurate Mass: 353.884258

Percentage Composition: C 40.48%; H 1.70%; Cl 39.83%; O 8.99%; S 9.01%

Physical Description: Cryst.

Melting Point: Mp 176°

References:

Velluz, L. *et al.*, *C. R. Hebd. Seances Acad. Sci.*, 1959, **248**, 114-115, (*dioxide*)

Nargund, P.K. *et al.*, *CA*, 1960, **54**, 6611d, (*synth*)