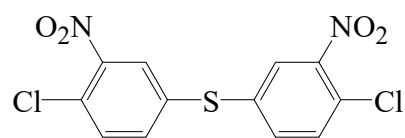




>>Entry Name: Bis(4-chloro-3-nitrophenyl) sulfide

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



CAS Registry Number: 63063-17-2

Molecular Formula: $C_{12}H_6Cl_2N_2O_4S$

Molecular Weight: 345.162

Accurate Mass: 343.942532

Percentage Composition: C 41.76%; H 1.75%; Cl 20.54%; N 8.12%; O 18.54%; S 9.29%

>>Derivative: S,S-Dioxide

Synonym(s): Bis(4-chloro-3-nitrophenyl) sulfone

CAS Registry Number: 1759-05-3

Molecular Formula: $C_{12}H_6Cl_2N_2O_6S$

Molecular Weight: 377.161

Accurate Mass: 375.932362

Percentage Composition: C 38.22%; H 1.60%; Cl 18.80%; N 7.43%; O 25.45%; S 8.50%

Physical Description: Cryst. (dioxan)

Melting Point: Mp 201-202°

References:

Hart, W.F. *et al.*, *J.O.C.*, 1962, **27**, 338-340, (*dioxide*)