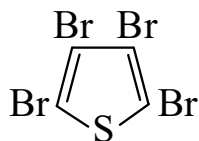




>>Entry Name: Tetrabromothiophene, 9CI



CAS Registry Number: 3958-03-0

Molecular Formula: C₄Br₄S

Molecular Weight: 399.726

Accurate Mass: 395.725414

Percentage Composition: C 12.02%; Br 79.96%; S 8.02%

Melting Point: Mp 117-118°

Boiling Point: Bp₁₃ 170-173°

Aldrich: T540-0

>>Derivative: 1,1-Dioxide

CAS Registry Number: 72524-90-4

Molecular Formula: C₄Br₄O₂S

Molecular Weight: 431.725

Accurate Mass: 427.715244

Percentage Composition: C 11.13%; Br 74.03%; O 7.41%; S 7.43%

Use/Importance: Reactive Diels-Alder diene

Physical Description: Cryst. (CCl₄)

Melting Point: Mp 201-202°

References:

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Bowie, J., *J.C.S.(B)*, 1967, 616-621, (*ms*)
Janda, M. *et al.*, *Synthesis*, 1972, 545-547, (*synth*)
Raasch, M.S., *J.O.C.*, 1980, **45**, 856-867, (*dioxide*)
Okamoto, T. *et al.*, *Bull. Chem. Soc. Jpn.*, 1991, **64**, 2566-2568, (*synth*)
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