



>>Entry Name: 2,5-Dibromo-3,4-dinitrothiophene, 9CI

CAS Registry Number: 52431-30-8

Molecular Formula: C₄Br₂N₂O₄S

Molecular Weight: 331.929

Accurate Mass: 329.83455

Percentage Composition: C 14.47%; Br 48.15%; N 8.44%; O 19.28%; S 9.66%

Use/Importance: Algicidal

Physical Description: Yellowish cryst. (MeOH or Me₂CO/MeOH)

Melting Point: Mp 134-135° (139-140°)

References:

Steinkopf, W. *et al.*, *Annalen*, 1914, **403**, 50, (*synth*)

Mozingo, R. *et al.*, *J.A.C.S.*, 1945, **67**, 2092, (*synth*)

Blatt, A.H. *et al.*, *J.O.C.*, 1957, **22**, 1588, (*synth*)