



>>Entry Name: **2,4-Dibromo-3-methylphenol**

Synonym(s): 2,4-Dibromo-*m*-cresol

CAS Registry Number: 13321-75-0

Molecular Formula: C₇H₆Br₂O

Molecular Weight: 265.932

Accurate Mass: 263.918537

Percentage Composition: C 31.62%; H 2.27%; Br 60.09%; O 6.02%

Boiling Point: Bp₄ 114-116°

>>Derivative: Benzoyl

Molecular Formula: C₁₄H₁₀Br₂O₂

Molecular Weight: 370.04

Accurate Mass: 367.944752

Percentage Composition: C 45.44%; H 2.72%; Br 43.19%; O 8.65%

Physical Description: Needles (EtOH)

Melting Point: Mp 89.5-90°

>>Derivative: 4-Methylbenzenesulfonyl

Physical Description: Needles (EtOH)

Melting Point: Mp 122-123°

References:

Huston, R. *et al.*, *J.A.C.S.*, 1933, **55**, 3881, (*synth*)

Jadhar, G. *et al.*, *CA*, 1950, **44**, 5845, (*synth*)

Tashiro, M. *et al.*, *Org. Prep. Proced. Int.*, 1974, **6**, 107, (*synth*)