



>>Entry Name: 3,5-Dibromophenol, 9Cl, 8Cl

CAS Registry Number: 626-41-5

Molecular Formula: C₆H₄Br₂O

Molecular Weight: 251.905

Accurate Mass: 249.902887

Percentage Composition: C 28.61%; H 1.60%; Br 63.44%; O 6.35%

Melting Point: Mp 81°

pKa Value: pK_a 8.06 (25°)

>>Derivative: Ac

Molecular Formula: C₈H₆Br₂O₂

Molecular Weight: 293.942

Accurate Mass: 291.913452

Percentage Composition: C 32.69%; H 2.06%; Br 54.37%; O 10.89%

Melting Point: Mp 53°

>>Derivative: Benzoyl

Molecular Formula: C₁₃H₈Br₂O₂

Molecular Weight: 356.013

Accurate Mass: 353.929102

Percentage Composition: C 43.86%; H 2.26%; Br 44.89%; O 8.99%

Melting Point: Mp 77°

>>Derivative: Me ether

Synonym(s): 1,3-Dibromo-5-methoxybenzene. 3,5-Dibromoisole

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%

Melting Point: Mp 40°

>>Derivative: Et ether

Synonym(s): 1,3-Dibromo-5-ethoxybenzene. 3,5-Dibromophenetole

Molecular Formula: C₈H₈Br₂O

Molecular Weight: 279.959

Accurate Mass: 277.934187

Percentage Composition: C 34.32%; H 2.88%; Br 57.08%; O 5.71%

Boiling Point: Bp 268°

References:

Blanksma, J.J., *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1908, **27**, 30

Bark, L.S. *et al.*, *J. Chromatogr.*, 1966, **25**, 347, (*chromatog*)