



>>Entry Name: **2,5-Dibromobenzoic acid**

CAS Registry Number: 610-71-9

Molecular Formula: C₇H₄Br₂O₂

Molecular Weight: 279.915

Accurate Mass: 277.897802

Percentage Composition: C 30.04%; H 1.44%; Br 57.09%; O 11.43%

Physical Description: Needles (EtOH)

Melting Point: Mp 157°

>>Derivative: Me ester

CAS Registry Number: 57381-43-8

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 40-41°

>>Derivative: Chloride

Molecular Formula: C₇H₃Br₂ClO

Molecular Weight: 298.361

Accurate Mass: 295.863914

Percentage Composition: C 28.18%; H 1.01%; Br 53.56%; Cl 11.88%; O 5.36%

Melting Point: Mp 39-40°

>>Derivative: Nitrile

Synonym(s): 1,4-Dibromo-2-cyanobenzene

Molecular Formula: C₇H₃Br₂N

Molecular Weight: 260.915

Accurate Mass: 258.903221

Percentage Composition: C 32.22%; H 1.16%; Br 61.25%; N 5.37%

Physical Description: Needles

Melting Point: Mp 132°

References:

Doering, Von.E.W. *et al.*, *J.A.C.S.*, 1954, **76**, 39, (*synth*)

Bentley, R.K., *J.C.S.(C)*, 1970, 2447, (*synth*)