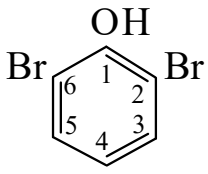
>>**Entry Name: 2,6-Dibromophenol,** 9Cl, 8Cl
ENTRY UNDER REVIEW



CAS Registry Number: 608-33-3

Molecular Formula: $C_6H_4Br_2O$
Molecular Weight: 251.905
Accurate Mass: 249.902887
Percentage Composition: C 28.61%; H 1.60%; Br 63.44%; O 6.35%
Biological Source: Constit. of the marine hemichordate *Balanoglossus biminiensis*
Use/Importance: Important flavour component of marine fish, molluses and crustaceans
Physical Description: Needles (H_2O)
Melting Point: Mp 56-57°
Boiling Point: Bp_{21} 162°
Solubility: BERDY SOL: Sol. EtOH, Et_2O
pKa Value: pK_a 6.67 (25°)
UV: [neutral] λ_{max} 279 (ε 2180); 286 (ε 2130) (EtOH) (Berdy) [base] λ_{max} 305 () (EtOH-NaOH) (Berdy)
Other Data: Sublimes

Aldrich: 25201-8
Fluka: 34269
Supelco: R42-8414

>>**Derivative:** Ac

CAS Registry Number: 28165-72-2
Molecular Formula: $C_8H_6Br_2O_2$
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 46°

>>**Derivative:** Benzoyl

Molecular Formula: $C_{13}H_8Br_2O_2$
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 68°

>>**Derivative:** Me ether
Synonym(s): 1,3-Dibromo-2-methoxybenzene. 2,6-Dibromoanisole

Molecular Formula: $C_7H_6Br_2O$
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 13°
Boiling Point: Bp_{34} 143-145°

>>**Derivative:** Et ether
Synonym(s): 1,3-Dibromo-2-ethoxybenzene. 2,6-Dibromophenetole

Molecular Formula: $C_8H_8Br_2O$
Molecular Weight: 279.959
Accurate Mass: 277.934187
Percentage Composition: C 34.32%; H 2.88%; Br 57.08%; O 5.71%
Melting Point: Mp 40.5°

References: