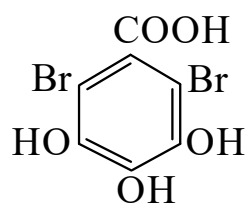




>>Entry Name: 2,6-Dibromo-3,4,5-trihydroxybenzoic acid

Synonym(s): Dibromogallic acid



CAS Registry Number: 602-92-6

Molecular Formula: $C_7H_4Br_2O_5$

Molecular Weight: 327.914

Accurate Mass: 325.882547

Percentage Composition: C 25.64%; H 1.23%; Br 48.73%; O 24.40%

Use/Importance: Used as 10% aq. soln. in photometric detn. of Nb and Ta

Physical Description: Cryst.

>>Derivative: Tri-Me ether

Synonym(s): 2,6-Dibromo-3,4,5-trimethoxybenzoic acid

CAS Registry Number: 6307-91-1

Molecular Formula: $C_{10}H_{10}Br_2O_5$

Molecular Weight: 369.994

Accurate Mass: 367.929497

Percentage Composition: C 32.46%; H 2.72%; Br 43.19%; O 21.62%

Physical Description: Needles (H_2O)

Melting Point: Mp 144-145°

>>Derivative: Tri-Me ether, amide

Molecular Formula: $C_{10}H_{11}Br_2NO_4$

Molecular Weight: 369.009

Accurate Mass: 366.945481

Percentage Composition: C 32.55%; H 3.00%; Br 43.31%; N 3.80%; O 17.34%

Melting Point: Mp 183-185°

References:

Friedrich, K. *et al.*, *Chem. Ber.*, 1959, **92**, 2574

Ackermann, G. *et al.*, *Talanta*, 1969, **16**, 95; 284; 288; 1970, **17**, 757