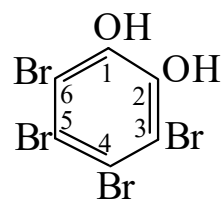




>>Entry Name: 3,4,5,6-Tetrabromo-1,2-benzenediol, 9CI
Synonym(s): Tetrabromocatechol. Tetrabromopyrocatechol



CAS Registry Number: 488-47-1

Molecular Formula: $C_6H_2Br_4O_2$

Molecular Weight: 425.697

Accurate Mass: 421.758824

Percentage Composition: C 16.93%; H 0.47%; Br 75.08%; O 7.52%

Use/Importance: Used for extraction-photometric detn. of Ti and Mo (anionic complexes of the reagent associated with basic dyes, CCl_4)

Physical Description: Cryst. (EtOH)

Melting Point: Mp 192-193°

Aldrich: T480-3

Rare Chemicals Library: S3637-5

>>Derivative: Di-Ac

CAS Registry Number: 7437-93-6

Molecular Formula: $C_{10}H_6Br_4O_4$

Molecular Weight: 509.771

Accurate Mass: 505.779954

Percentage Composition: C 23.56%; H 1.19%; Br 62.70%; O 12.55%

Physical Description: Cryst. (C_6H_6)

Melting Point: Mp 215-216°

>>Derivative: Mono-Me ether

Synonym(s): 2,3,4,5-Tetrabromo-6-methoxyphenol. Tetrabromoguaiacol

CAS Registry Number: 35488-17-6

Molecular Formula: $C_7H_4Br_4O_2$

Molecular Weight: 439.723

Accurate Mass: 435.774474

Percentage Composition: C 19.12%; H 0.92%; Br 72.69%; O 7.28%

Physical Description: Cryst. (EtOH or $CHCl_3$)

Melting Point: Mp 162-163°

>>Derivative: Di-Me ether

Synonym(s): 1,2,3,4-Tetrabromo-5,6-dimethoxybenzene. Tetrabromoveratrole

CAS Registry Number: 83826-53-3

Molecular Formula: $C_8H_6Br_4O_2$

Molecular Weight: 453.75

Accurate Mass: 449.790124

Percentage Composition: C 21.18%; H 1.33%; Br 70.44%; O 7.05%

Physical Description: Cryst. (CCl_4)

Melting Point: Mp 151-152°

>>Derivative: Methylene ether

Synonym(s): 4,5,6,7-Tetrabromo-1,3-benzodioxole. Tetrabromomethylenedioxybenzene

CAS Registry Number: 15930-48-0

Molecular Formula: $C_7H_2Br_4O_2$

Molecular Weight: 437.708

Accurate Mass: 433.758824

Percentage Composition: C 19.21%; H 0.46%; Br 73.02%; O 7.31%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 208-209°

References: