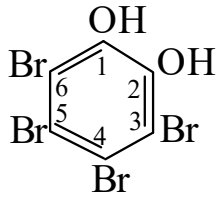
>>**Entry Name: 3,4,5,6-Tetrabromo-1,2-benzenediol,** 9Cl
**Synonym(s):** Tetrabromocatechol. Tetrabromopyrocatechol




**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:**

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