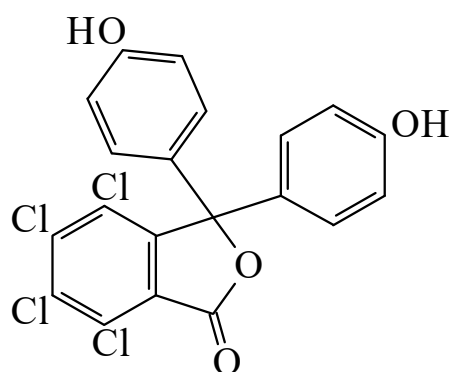




>>Entry Name: 4,5,6,7-Tetrachloro-3,3-bis(4-hydroxyphenyl)-1(3*H*)-isobenzofuranone, 9Cl

Synonym(s): 4,5,6,7-Tetrachloro-3,3-bis(4-hydroxyphenyl)phthalide. Phenoltetrachlorophthalein



CAS Registry Number: 639-44-1

Molecular Formula: C₂₀H₁₀Cl₄O₄

Molecular Weight: 456.107

Accurate Mass: 453.933318

Percentage Composition: C 52.67%; H 2.21%; Cl 31.09%; O 14.03%

Use/Importance: Used as a 0.2% soln. in EtOH as adsorption indicator for argentometric titrimetric detn. of Cl⁽⁻⁾, I⁽⁻⁾

Physical Description: Cryst.

>>Derivative: Di-Na salt

Synonym(s): Chlor-Tetragnost

Biological Use/Importance: Laxative - cathartic. Used as a diagnostic aid for hepatic function

Physical Description: Violet cryst. + 2H₂O

References:

Singh, E., *J. Indian Chem. Soc.*, 1976, **53**, 948; 950, (detn, I⁽⁻⁾, Cl⁽⁻⁾)