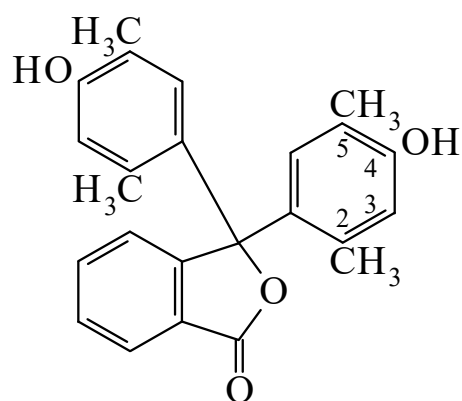




>>Entry Name: 3,3-Bis(4-hydroxy-2,5-dimethylphenyl)-1(3*H*)-isobenzofuranone, 9CI

Synonym(s): *p*-Xylenolphthalein



CAS Registry Number: 50984-88-8

Molecular Formula: C₂₄H₂₂O₄

Molecular Weight: 374.435

Accurate Mass: 374.15181

Percentage Composition: C 76.99%; H 5.92%; O 17.09%

Use/Importance: Used as a 0.1% soln. in EtOH as acid-base indicator (pH range 9.0-10.5; colour change: colourless → blue)

Physical Description: Yellow cryst. powder

Melting Point: Mp 276°

Solubility: Sol. EtOH, Me₂CO

Fluka: 95620

References:

Bishop, E., *Indicators*, Pergamon, Oxford, 1972, (*use, ind*)