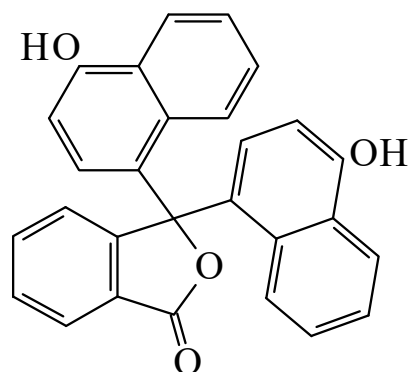




>>Entry Name: 3,3-Bis(4-hydroxy-1-naphthalenyl)-1(3*H*)-isobenzofuranone, 9CI

Synonym(s): 3,3-Bis(4-hydroxy-1-naphthyl)phthalide



CAS Registry Number: 596-01-0

Molecular Formula: C₂₈H₁₈O₄

Molecular Weight: 418.448

Accurate Mass: 418.12051

Percentage Composition: C 80.37%; H 4.34%; O 15.29%

Use/Importance: Used as collector in copptn. separation of Al

Physical Description: Reddish brown cryst.

Solubility: Sol. EtOH; spar. sol. H₂O

Aldrich: 19960-5

Fluka: 70560

Sigma: N8257

References:

Goshkov, V.V. *et al.*, *CA*, 1974, **81**, 180677e, (*detn, Al*)