

Product Name: alpha-Naphtholbenzein
Catalog Number: 415321000

CAS Number: 145-50-6
IUPAC Name: (4E)-4-[(4-hydroxynaphthalen-1-yl)(phenyl)methylidene]-1,4-dihydronaphthalen-1-one
Molecular Formula: C₂₇H₁₈O₂
Molecular Weight: 374.44
InChI Key: VDDWRTZCUJCDJM-SOYKGTTHSA-N
SMILES: OC1=C2C=CC=CC2=C(C=C1)C(\C1=CC=CC=C1)=C1/C=CC(=O)C2=CC=CC=C12
Synonym: (4E)-4-[(4-hydroxynaphthalen-1-yl)(phenyl)methylidene]naphthalen-1-one

Product Specification

Appearance (Color): Dark red to red-brown to brown-black
Appearance (Color): to orange-brown
Appearance (Form): Powder
Infrared spectrum: Conforms
Molar extinction coefficient: >=50000 (0.01 g/l methanol) (207-213 nm)
Visual transition interval: from pH 8.2(yellow to orange) to pH 10(green-bleu)

Date Of Print: 12/12/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.