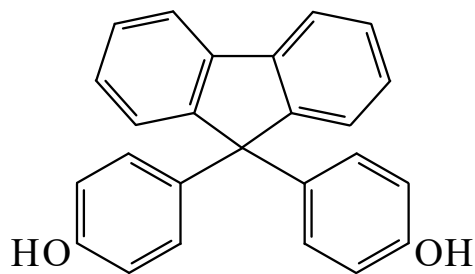




>>Entry Name: 4,4'-(9-Fluorenylidene)diphenol, 8Cl

Synonym(s): 9,9-Bis(4-hydroxyphenyl)fluorene



CAS Registry Number: 3236-71-3

Molecular Formula: $C_{25}H_{18}O_2$

Molecular Weight: 350.416

Accurate Mass: 350.13068

Percentage Composition: C 85.69%; H 5.18%; O 9.13%

Use/Importance: Monomer for polyethers and polyacrylates

Melting Point: Mp 224-226°

pKa Value: pK_{a1} 10.54; pK_{a2} 11.18 (32% EtOH aq.)

Aldrich: 39998-1

References:

Morgan, P.W., *Macromolecules*, 1970, **3**, 536, (*synth, polym*)

Novak, V., *Coll. Czech. Chem. Comm.*, 1974, **39**, 243, (*pKa*)

Chen, C.S. *et al.*, *J. Appl. Polym. Sci.*, 1982, **27**, 3289, (*synth, polym*)