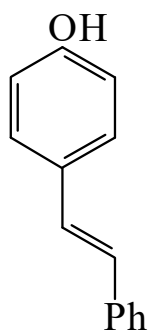




>>Entry Name: 1-(4-Hydroxyphenyl)-2-phenylethylene

Synonym(s): 4-(2-Phenylethenyl)phenol, 9CI. 4-Stilbenol, 8CI. 4-Hydroxystilbene. *p*-Styrylphenol



CAS Registry Number: 3839-46-1

Related CAS Registry Numbers(s): 1142-15-0

Molecular Formula: C₁₄H₁₂O

Molecular Weight: 196.248

Accurate Mass: 196.088815

Percentage Composition: C 85.68%; H 6.16%; O 8.15%

>>Variant: (*E*)-form

CAS Registry Number: 6554-98-9

Molecular Formula: C₁₄H₁₂O

Molecular Weight: 196.248

Accurate Mass: 196.088815

Percentage Composition: C 85.68%; H 6.16%; O 8.15%

Biological Source: Isol. from trunkwood of *Pinus griffithii*

Melting Point: Mp 185-186°

>>Derivative: Me ether

Synonym(s): 1-(4-Methoxyphenyl)-2-phenylethylene. 4-Methoxystilbene

CAS Registry Number: 1694-19-5

Molecular Formula: C₁₅H₁₄O

Molecular Weight: 210.275

Accurate Mass: 210.104465

Percentage Composition: C 85.68%; H 6.71%; O 7.61%

Biological Source: Isol. from wood of *Pinus griffithii*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 137°

Sigma: M3513

References:

Mahesh, V.B. *et al.*, *J. Sci. Ind. Res.*, 1954, **13**, 835; *CA*, **49**, 11273, (*isol*)

Schmid, P., *CA*, 1960, **54**, 7647

Batchelor, F.W. *et al.*, *Can. J. Chem.*, 1970, **48**, 1554, (*synth*)

Ruasse, M.-F. *et al.*, *J.O.C.*, 1972, **37**, 1770, (*synth*)

Ziegler, C.B. *et al.*, *J.O.C.*, 1978, **43**, 2941, (*synth*)