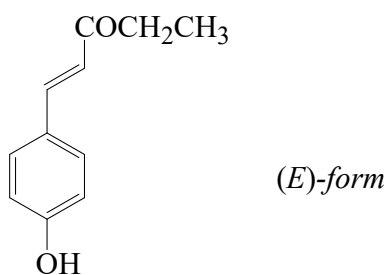




>>Entry Name: 1-(4-Hydroxyphenyl)-1-penten-3-one, 9CI



CAS Registry Number: 126521-57-1

Molecular Formula: C₁₁H₁₂O₂

Molecular Weight: 176.215

Accurate Mass: 176.08373

Percentage Composition: C 74.98%; H 6.86%; O 18.16%

Physical Description: Needles (EtOH)

Melting Point: Mp 115°

>>Derivative: Me ether

Synonym(s): 1-(4-Methoxyphenyl)-1-penten-3-one. Ethyl *p*-metoxystyryl ketone. Ethone

CAS Registry Number: 104-27-8

Molecular Formula: C₁₂H₁₄O₂

Molecular Weight: 190.241

Accurate Mass: 190.09938

Percentage Composition: C 75.76%; H 7.42%; O 16.82%

Use/Importance: Used in food flavouring

Melting Point: Mp 61.3-61.9°

Rare Chemicals Library: S59572-1

References:

Inamoto, K., *Bull. Chem. Soc. Jpn.*, 1927, **2**, 51, (*Me ether*)

McGookin, A. *et al.*, *J.C.S.*, 1928, 1170, (*synth*)

Opdyke, D.L.J., *Food Cosmet. Toxicol.*, 1979, **17 (Suppl.)**, 863, (*Me ether, rev*)