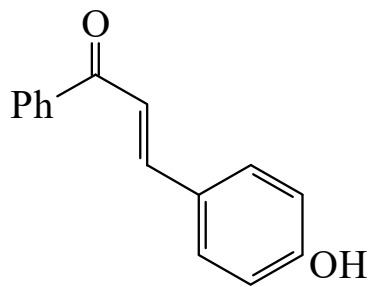




>>Entry Name: 3-(4-Hydroxyphenyl)-1-phenyl-2-propen-1-one, 9CI

Synonym(s): 4-Hydroxychalcone, 8CI. ω-*p*-Hydroxybenzylideneacetophenone. 4-Hydroxystyryl phenyl ketone



CAS Registry Number: 20426-12-4

Related CAS Registry Numbers(s): 22252-15-9 30925-52-1

Molecular Formula: C₁₅H₁₂O₂

Molecular Weight: 224.259

Accurate Mass: 224.08373

Percentage Composition: C 80.34%; H 5.39%; O 14.27%

Biological Source: Constit. of *Glycyrrhiza glabra* roots

Physical Description: Yellow cryst. (C₆H₆)

Melting Point: Mp 128°. Mp 182-183°

Rare Chemicals Library: S35066-4

>>Derivative: Ac

Molecular Formula: C₁₇H₁₄O₃

Molecular Weight: 266.296

Accurate Mass: 266.094295

Percentage Composition: C 76.68%; H 5.30%; O 18.02%

Melting Point: Mp 129-131°

>>Derivative: Me ether

Synonym(s): 4-Methoxychalcone. Anisylideneacetophenone. *p*-Methoxystyryl phenyl ketone. Anisalacetophenone

CAS Registry Number: 959-33-1

Molecular Formula: C₁₆H₁₄O₂

Molecular Weight: 238.285

Accurate Mass: 238.09938

Percentage Composition: C 80.65%; H 5.92%; O 13.43%

Physical Description: Yellow needles

Melting Point: Mp 77-78°

Boiling Point: Bp₁₉ 187.5-188°

Aldrich: 15758-9

Rare Chemicals Library: S45674-8

References:

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