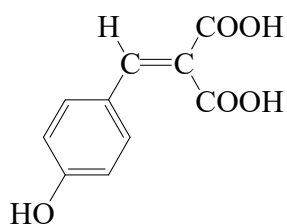




>>Entry Name: [(4-Hydroxyphenyl)methylene]propanedioic acid, 9CI

Synonym(s): (*p*-Hydroxybenzylidene)malonic acid, 8CI



CAS Registry Number: 17449-03-5

Molecular Formula: C₁₀H₈O₅

Molecular Weight: 208.17

Accurate Mass: 208.037175

Percentage Composition: C 57.70%; H 3.87%; O 38.43%

Physical Description: Cryst.

Melting Point: Mp 210°

>>Derivative: Hydrate

Physical Description: Cryst. (H₂O)

Melting Point: Mp 174-175°

>>Derivative: Di-NH₄ salt

Physical Description: Cryst.

Melting Point: Mp 188-190°

>>Derivative: Di-Et ester

CAS Registry Number: 17315-86-5

Molecular Formula: C₁₄H₁₆O₅

Molecular Weight: 264.277

Accurate Mass: 264.099775

Percentage Composition: C 63.63%; H 6.10%; O 30.27%

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 91-93°

>>Derivative: Mononitrile

>>Derivative: Dinitrile

CAS Registry Number: 3785-90-8

Molecular Formula: C₁₀H₆N₂O

Molecular Weight: 170.17

Accurate Mass: 170.048013

Percentage Composition: C 70.58%; H 3.55%; N 16.46%; O 9.40%

Physical Description: Lemon-yellow cryst.

Melting Point: Mp 188.5-189.5°

>>Derivative: Ac, dinitrile

CAS Registry Number: 19310-87-3

Molecular Formula: C₁₂H₈N₂O₂

Molecular Weight: 212.207

Accurate Mass: 212.058578

Percentage Composition: C 67.92%; H 3.80%; N 13.20%; O 15.08%

Physical Description: Bright yellow cryst.

Melting Point: Mp 98°