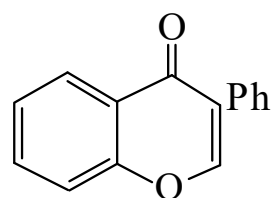




>>Entry Name: 3-Phenyl-4H-1-benzopyran-4-one, 9CI

Synonym(s): Isoflavone, 8CI. 3-Phenylchromone



CAS Registry Number: 574-12-9

Molecular Formula: C₁₅H₁₀O₂

Molecular Weight: 222.243

Accurate Mass: 222.06808

Percentage Composition: C 81.07%; H 4.54%; O 14.40%

Biological Source: Found in clover

Use/Importance: Parent ring system of a group of natural prods. found mainly in plants

Physical Description: Leaflets and needles (petrol)

Melting Point: Mp 135°

pKa Value: pK_a -2.52 (H₂SO₄ aq.)

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