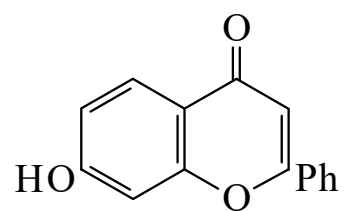




>>Entry Name: 7-Hydroxyflavone

Synonym(s): 7-Hydroxy-2-phenyl-4*H*-1-benzopyran-4-one, 9Cl. 7-Hydroxy-2-phenylchromone



CAS Registry Number: 6665-86-7

Molecular Formula: C₁₅H₁₀O₃

Molecular Weight: 238.242

Accurate Mass: 238.062995

Percentage Composition: C 75.62%; H 4.23%; O 20.15%

Biological Source: Isol. from *Acacia* sp., *Convolvulus arvensis* and *Lindenbergia indica*

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 244° (240°)

Aldrich: 26172-6

Sigma: H4530

>>Derivative: Me ether

Synonym(s): 7-Methoxyflavone

CAS Registry Number: 22395-22-8

Molecular Formula: C₁₆H₁₂O₃

Molecular Weight: 252.269

Accurate Mass: 252.078645

Percentage Composition: C 76.18%; H 4.79%; O 19.03%

Biological Source: Isol. from *Pimelea simplex*

Melting Point: Mp 110-111°

Aldrich: 41974-5

Sigma: M8672

>>Derivative: Et ether

Synonym(s): 7-Ethoxyflavone

Molecular Formula: C₁₇H₁₄O₃

Molecular Weight: 266.296

Accurate Mass: 266.094295

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

Physical Description: Cryst. (2-propanol)

Melting Point: Mp 138-139°

>>Derivative: *O*-β-D-Glucopyranoside

CAS Registry Number: 71802-05-6

Molecular Formula: C₂₁H₂₀O₈

Molecular Weight: 400.384

Accurate Mass: 400.11582

Percentage Composition: C 63.00%; H 5.03%; O 31.97%

Biological Source: Constit. of the flowers of *Anthemis tinctoria*

References: