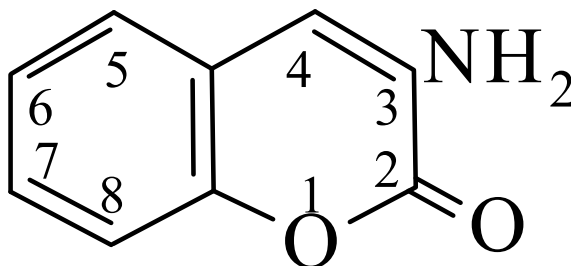




>>Entry Name: 3-Amino-2*H*-1-benzopyran-2-one, 9CI

Synonym(s): 3-Aminocoumarin



CAS Registry Number: 1635-31-0

Molecular Formula: C₉H₇NO₂

Molecular Weight: 161.16

Accurate Mass: 161.047679

Percentage Composition: C 67.08%; H 4.38%; N 8.69%; O 19.86%

Physical Description: Yellow cryst. (H₂O)

Melting Point: Mp 130°

>>Derivative: *N*-Ac

CAS Registry Number: 779-30-6

Molecular Formula: C₁₁H₉NO₃

Molecular Weight: 203.197

Accurate Mass: 203.058244

Percentage Composition: C 65.02%; H 4.46%; N 6.89%; O 23.62%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 206-207° (201.5°)

Aldrich: 37040-1

>>Derivative: *N*-Benzoyl

CAS Registry Number: 2549-08-8

Molecular Formula: C₁₆H₁₁NO₃

Molecular Weight: 265.268

Accurate Mass: 265.073894

Percentage Composition: C 72.45%; H 4.18%; N 5.28%; O 18.09%

Melting Point: Mp 173°

References: