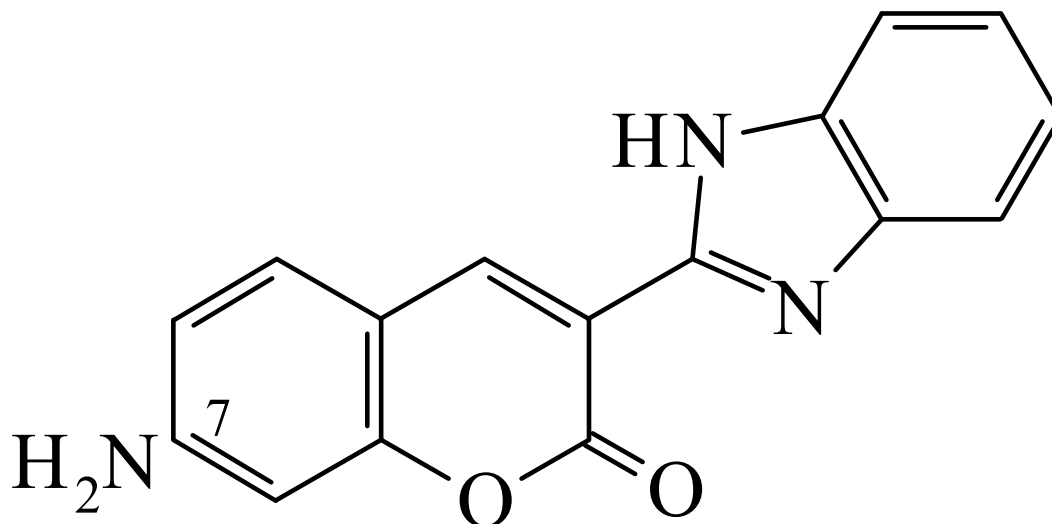




>>Entry Name: 7-Amino-3-(1*H*-benzimidazol-2-yl)-2*H*-1-benzopyran-2-one

Synonym(s): 7-Amino-3-(2-benzimidazolyl)coumarin



Molecular Formula: C₁₆H₁₁N₃O₂

Molecular Weight: 277.282

Accurate Mass: 277.085127

Percentage Composition: C 69.31%; H 4.00%; N 15.15%; O 11.54%

Physical Description: Yellow cryst. (DMF)

Melting Point: Mp 320-325°

>>Derivative: *N*⁷,*N*⁷-Di-Et

Synonym(s): Coumarin 7. Coumarin 535

CAS Registry Number: 27425-55-4

Molecular Formula: C₂₀H₁₉N₃O₂

Molecular Weight: 333.389

Accurate Mass: 333.147727

Percentage Composition: C 72.05%; H 5.74%; N 12.60%; O 9.60%

Use/Importance: Laser dye

Physical Description: Brown cryst. (PhCl/C₆H₆)

Melting Point: Mp 232-234°

Aldrich: 41654-1

Rare Chemicals Library: S27193-4

Sigma: C3086