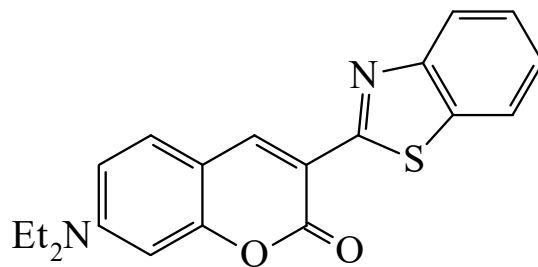




>>Entry Name: 3-(2-Benzothiazolyl)-7-(diethylamino)-2H-1-benzopyran-2-one, 9Cl
Synonym(s): 3-(2-Benzothiazolyl)-7-(diethylamino)coumarin. Coumarin 540. Coumarin 6



CAS Registry Number: 38215-36-0

Molecular Formula: C₂₀H₁₈N₂O₂S

Molecular Weight: 350.44

Accurate Mass: 350.108898

Percentage Composition: C 68.55%; H 5.18%; N 7.99%; O 9.13%; S 9.15%

Use/Importance: Laser dye

Physical Description: Orange needles (Py aq.)

Melting Point: Mp 204°

Aldrich: 44263-1

Rare Chemicals Library: S27202-7

Sigma: C4027

References:

U.K. Pat., 1961, 867 592; *CA*, **55**, 21927c, (*synth, uv*)

Jasinski, J.P. *et al.*, *Acta Cryst. C*, 1995, **51**, 531, (*cryst struct, bibl*)