



Melting Point: Mp 161°

>>**Derivative:** *N,N*-Di-Me

Synonym(s): 7-(Dimethylamino)-4-(trifluoromethyl)coumarin. Coumarin 485. Coumarin 152

CAS Registry Number: 53518-14-2

Molecular Formula: C₁₂H₁₀F₃NO₂

Molecular Weight: 257.212

Accurate Mass: 257.066363

Percentage Composition: C 56.04%; H 3.92%; F 22.16%; N 5.45%; O 12.44%

Physical Description: Laser dye

Aldrich: 36332-4

Sigma: C9527

>>**Derivative:** *N,N*-Di-Et

Synonym(s): 7-(Diethylamino)-4-(trifluoromethyl)coumarin. Coumarin 481. Coumarin 35

CAS Registry Number: 41934-47-8

Molecular Formula: C₁₄H₁₄F₃NO₂

Molecular Weight: 285.265

Accurate Mass: 285.097663

Percentage Composition: C 58.95%; H 4.95%; F 19.98%; N 4.91%; O 11.22%

Use/Importance: Laser dye

Sigma: D3771

References:

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Bissel, E.R. *et al.*, *J. Chem. Eng. Data*, 1981, **26**, 348, (*derivs*)
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