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Version 01

Specification

01.11.2013

Code No. 18131

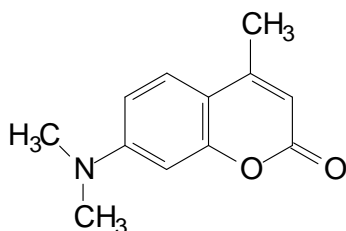
Cumarin 311

CAS No. 87-01-4

EEC No. 201-717-3

Chemical Name 7-(Dimethylamino)-4-methyl-coumarin

Structure



Molecular Formula $C_{12}H_{13}NO_2$

Molecular Weight 203,24

Product Properties

Appearance	Off white crystalline powder
Assay (Area%)	≥ 99,0 (HPLC at 370 nm)
Extinction coefficient ($l \cdot mol^{-1} \cdot cm^{-1}$)	19000 – 23000 (in MeOH/ACN at λ_{max})
Melting point (°C)	143 - 146 (DSC)
Loss on drying (%)	≤ 0,5

Storage Cool, dry, dark, tightly closed

Application Intermediate in organic synthesis

Changes in comparison to previous issue do not relate to contents.