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Version 10

Specification

15.12.2009

Code No. 17041

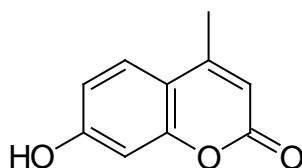
Coumarin 4

CAS No. 90-33-5

EEC No. 201-986-7

Chemical Name **7-Hydroxy-4-methylcoumarin**
Coumarin 456
Hymecromone, 4-Methylumbelliferone, Umbelliferone 47

Structure



Molecular Formula $C_{10}H_8O_3$

Molecular Weight 176,17

Product Properties

Appearance	Off-white to yellowish crystalline powder
Assay ($\Delta\%$)	$\geq 98,0$ (HPLC)
Loss on drying (%)	$\leq 1,0$
Absorption max (nm)	321 ± 2 (MeOH)
Extinction	$0,85 \pm 0,05$ (0,01g/l; 1,0cm)

Storage Cool, dry, dark, tightly closed

Application Laser and scintillation dye

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