

# ORGANICA®

Feinchemie GmbH Wolfen  
PF 1337 D-06756 Wolfen  
Phone: +49-3494-636215  
Fax: +49-3494-636165  
Email: info@organica.de  
internet://www.organica.de

Version 08

## Specification

15.12.2009

Code No. 17051

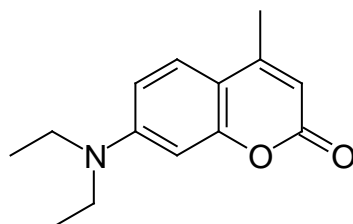
**Coumarin 1**

CAS No. 91-44-1

EEC No. 202-068-9

Chemical Name **7-Diethylamino-4-methylcoumarin**  
Coumarin 47, Coumarin 460, Pilot 449

Structure



Molecular Formula  $C_{14}H_{17}NO_2$

Molecular Weight 231,29

Product Properties

Appearance	White to beige crystalline powder
Assay ( $\Delta\%$ )	$\geq 99,0$ (GC)
Melting point ( $^{\circ}C$ )	71 - 75 (DSC)
Absorption max (nm)	$373 \pm 2$ (MeOH)
Extinction	$1,05 \pm 0,05$ (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.