

# 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 07

## Specification

15.12.2009

Code No. 17021

**Coumarin 7**

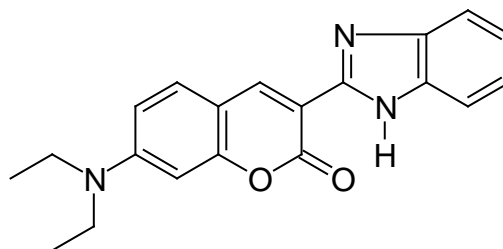
CAS No. 27425-55-4

EEC No. 248-451-4

Chemical Name

**3-(2-Benzimidazolyl)-7-diethylaminocoumarin**  
Coumarin 535, Disperse Fluorescent Yellow 82

Structure



Molecular Formula

C<sub>20</sub>H<sub>19</sub>N<sub>3</sub>O<sub>2</sub>

Molecular Weight

333,39

Product Properties

Appearance	Yellow crystalline powder
Assay (%)	≥ 96,0 (HPLC)
Assay (%)	≥ 96,0 (Titration)
Absorption max (nm)	438 ± 2 (MeOH)
Extinction	0,78 ± 0,05 (0,01g/l; 0,5cm)
Water (%)	≤ 0,5 (KF)

Storage

Cool, dry, dark, tightly closed

Application

Laser and fluorescence dye

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