

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 11

Specification

13.12.2006

Code No. 06830

Dye 683

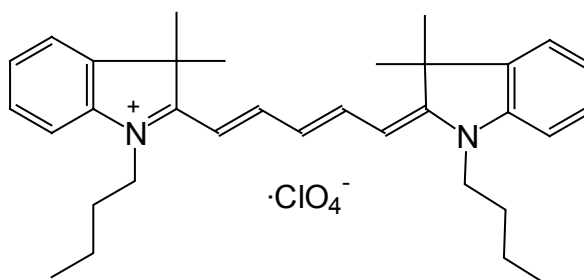
CAS No. 131443-20-4

EEC No. 426-180-4

HS No. 32041900

Chemical Name **1,1'-Dibutyl-3,3,3',3'-tetramethylindadicarbocyanine perchlorate**

Structure



Molecular Formula $C_{33}H_{43}N_2 \cdot ClO_4$

Molecular Weight 567,16

Product Properties

Appearance	Green lustrous crystalline powder
Assay ($\Delta\%$)	$\geq 99,0$ (HPLC)
Loss on drying (%)	$\leq 0,5$
Absorption max (nm)	642 ± 1 (MeOH)
Extinction coeff. ($L \cdot mol^{-1} \cdot cm^{-1}$)	230000 – 245000 (MeOH)

Safety Data R: 11-22-41 S: 22-26-33-39 F / Xn

Storage Cool, dry, dark, tightly closed

Application Dye for Optical Disc

Changes in comparison to previous issue: Properties.