

# ORGANICA®

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Version 13

## Specification

23.11.2009

Code No. 06830

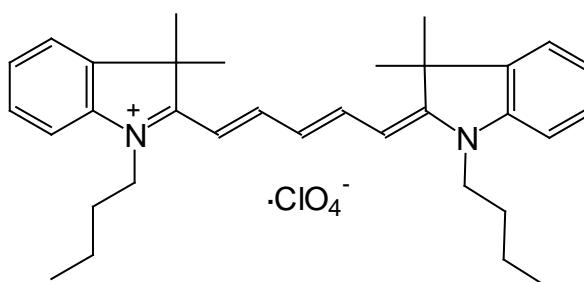
Dye 683

CAS No. 131443-20-4

EEC No. 426-180-4

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)	$642 \pm 1$ (MeOH)
Extinction coeff. ( $L \cdot mol^{-1} \cdot cm^{-1}$ )	230000 – 245000 (MeOH)

Storage Cool, dry, dark, tightly closed

Application Dye for Optical Disc

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