

Specification

02.10.2019

Code No. 06830

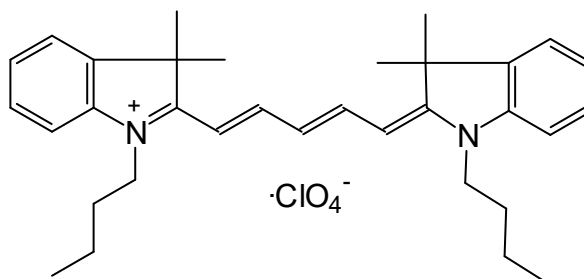
Dye 683

CAS No. 131443-20-4

EEC No. 426-180-4

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

Structure

Molecular Formula **C₃₃H₄₃N₂·ClO₄**Molecular Weight **567.16****Product Properties**

Appearance	green lustrous crystalline powder
Assay (Area%)	≥ 99.0 (HPLC)
Loss on drying (%)	≤ 2.0
Absorption max (nm, MeOH)	642 ± 1 (UV-VIS)
Extinction coeff. (L·mol ⁻¹ ·cm ⁻¹ , MeOH)	240000 – 260000 (UV-VIS)

Storage **cool, dry, dark, tightly closed**Application **dye for Optical Disc**

Changes in comparison to previous issue: product properties