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Version 03

Specification

26.11.2009

Code No. 08390

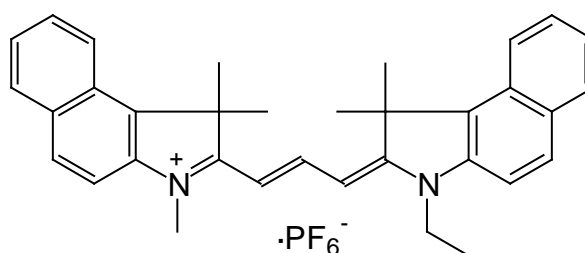
Dye 839

CAS No. -

EEC No. -

Chemical Name **4,5:4',5'-Dibenzo-1-ethyl-1',3,3,3',3'-pentamethylindacarbocyanine hexafluorophosphate**

Structure



Molecular Formula $C_{34}H_{35}N_2.PF_6$

Molecular Weight 616,63

Product Properties

Appearance	Green crystalline powder
Assay ($\Delta\%$)	$\geq 98,0$ (HPLC)
Loss on drying (%)	$\leq 1,5$
Absorption max (nm)	585 ± 1 (MeOH)
Extinction coeff. ($L \cdot mol^{-1} \cdot cm^{-1}$)	115000 – 122000

Storage Cool, dry, dark, tightly closed

Application Dye for Optical Disc

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