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Version 03

26.11.2009

Specification

Code No. 08370

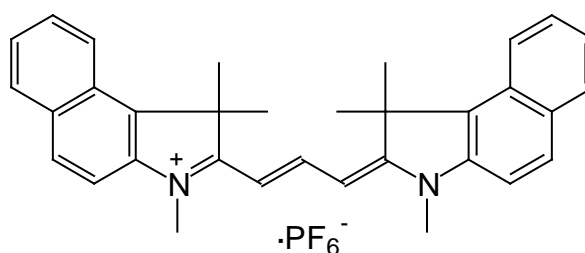
Dye 837

CAS No. 599177-24-9

EEC No. -

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

Structure



Molecular Formula $C_{33}H_{33}N_2 \cdot PF_6$

Molecular Weight 602,60

Product Properties

Appearance	Dark-green crystalline powder
Assay ($\Delta\%$)	$\geq 99,5$ (HPLC)
Loss on drying (%)	$\leq 1,0$
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.