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Specification

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Code No. 08290

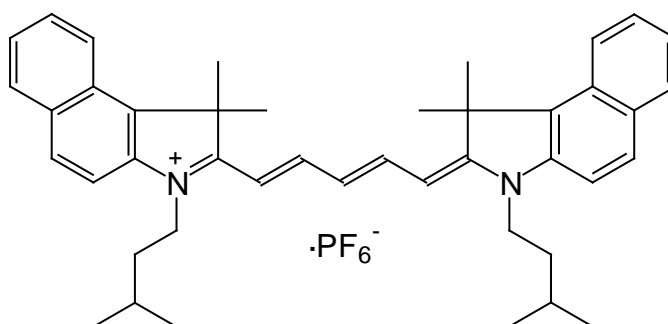
Dye 829

CAS No. 326801-92-7

EEC No. -

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

Structure



Molecular Formula $\text{C}_{43}\text{H}_{51}\text{N}_2\cdot\text{PF}_6$

Molecular Weight 740,85

Product Properties

Appearance	Dark-green lustrous crystalline powder
Assay ($\Delta\%$)	$\geq 99,5$ (HPLC)
Loss on drying (%)	$\leq 1,5$
Absorption max (nm)	680 ± 1 (MeOH)
Extinction coeff. ($\text{L}\cdot\text{mol}^{-1}\cdot\text{cm}^{-1}$)	223000 – 233000

Storage Cool, dry, dark, tightly closed

Application Dye for Optical Disc

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