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Version 1

Specification

07.08.2008

Code No. 08370

Dye 837

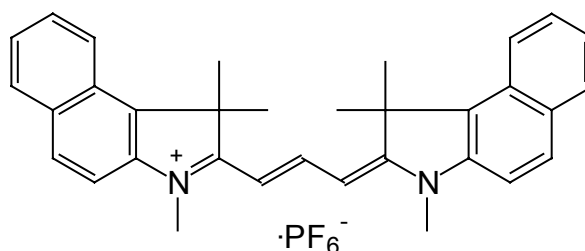
CAS No. 599177-24-9

EEC No. -

HS No. 32041900

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 |

Safety Data No hazardous product

Storage Cool, dry, dark, tightly closed

Application Dye for Optical Disc