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Version 02

Specification

08.12.2011

Code No. 70820

Dye 7082

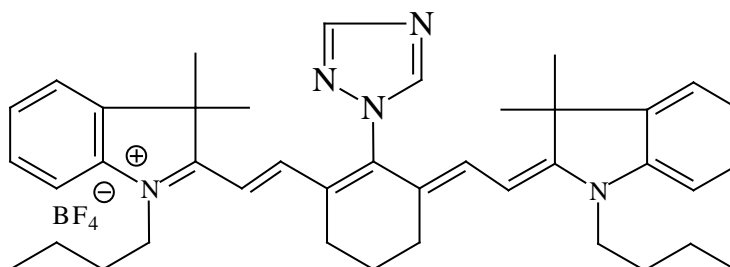
CAS No. 494762-23-1

EEC No. -

Chemical Name

1-Butyl-2-[2-[3-[2-(1-butyl-1,3-dihydro-3,3-dimethyl-2H-indol-2-ylidene) ethylidene]-2-(1H-1,2,4-triazol-1-yl)-1-cyclohexen-1-yl]ethenyl]-3,3-dimethyl-3H-indolium tetrafluoroborate

Structure



Molecular Formula

C₄₀H₅₀N₅·BF₄

Molecular Weight

687,67

Product Properties

Appearance	bright green crystals
IR-spectrum	corresponds
Solubility in 5% MEK (vis.)	without residue
Absorptivity (l/mol·cm)	≥ 275000 (in MEK at 794 nm)
Assay (Δ%)	≥ 97,0 (HPLC)
Assay (%)	96,5 – 101,5 (TBAH)

Storage

Cool, dry, dark, tightly closed

Application

Functional dye

Changes in comparison to previous issue: Product name.