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Version 05

S p e c i f i c a t i o n

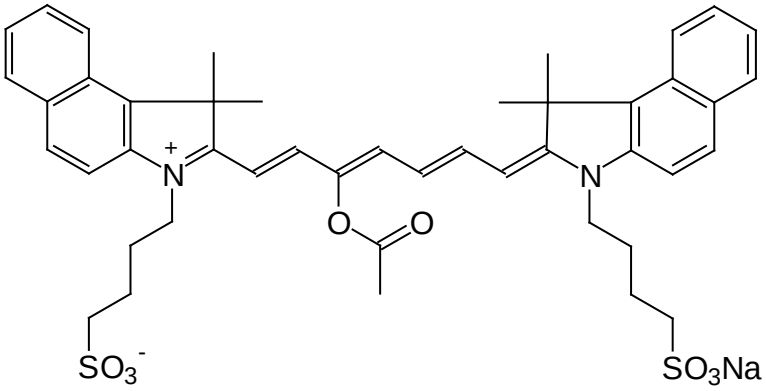
24.11.2009

Code No. 07410 **Dye 741**

CAS No. 155795-24-7 Acid EEC No. -

Chemical Name **10-Acetoxy-1,1'-bis(4-sulfobutyl)-4,5:4',5'-dibenzo-3,3,3',3'-tetramethylindatricarbocyanine betaine sodium salt**

Structure



Molecular Formula $C_{45}H_{49}N_2NaO_8S_2$

Molecular Weight 833,02

Product Properties

Appearance	Dark-blue crystalline powder
Loss on drying (%)	≤ 1,0
Absorption max (nm)	781 ± 2 (MeOH)
Extinction	1,35 ± 0,05 (0,01g/l; 0,5cm)

Storage Cool, dry, dark, tightly closed

Application Functional dye

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