
Product Data Sheet

Product Name: Dye 993
 Cat. No.: GC35916

Chemical Properties

Cas. No.

SMILES C[N+]1=C(/C=C2C(C=CC=C3)=C3N(C4=CC=CC=C4)C(N(CCCN(C)C)CCCN(C)C)=C\2)SC5=CC=CC=C51.[I-]

Formula $C_{34}H_{42}IN_5S$ M.Wt 679.7

Solubility Soluble in DMSO Storage Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon Condition request.

Structure

Background

Dye 993, substituted unsymmetrical cyanine dyes with selected permeability, useful in the detection of DNA in electrophoretic gels.

Caution: Product has not been fully validated for medical applications. For research use only.

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