
Product Data Sheet

Product Name: 6-FITC (6-Fluorescein Isothiocyanate)

Cat. No.: GC33556

Chemical Properties

Cas. No. 3326-31-6

SMILES O=C1OC2(C3=C(OC4=C2C=CC(O)=C4)C=C(O)C=C3)C5=C1C(N=C=S)=CC=C5

Formula $C_{21}H_{11}NO_5S$ M.Wt 389.38

Solubility DMSO : ≥ 35 mg/mL (89.89 mM) Storage Store at $-20^{\circ}C$, protect from light, stored under nitrogen

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

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

Structure

Background

6-Fluorescein isothiocyanate(6-FITC) is a derivative of fluorescein used in wide-ranging applications including flow cytometry.

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

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