

Product Name	: FITC
Synonyms	: Fluorescein 5-isothiocyanate
Cat No.	: M14119
CAS Number	: 3326-32-7
Molecular Formula	: C ₂₁ H ₁₁ NO ₅ S
Formula Weight	: 389.38
Chemical Name	: 3',6'-dihydroxy-5-isothiocyanato-3H-spiro[isobenzofuran-1,9'-xanthen]-3-one
Description	: Fluorescein isothiocyanate(FITC) is a derivative of fluorescein used in wide-ranging applications including flow cytometry; FITC has excitation and emission spectrum peak wavelengths of approximately 495 nm/519 nm.
Pathway	: Others
Target	: Fluorescent Dye
Receptor	: Fluorescent Dye
Solubility	: DMSO: ≥ 30 mg/mL
SMILES	: <chem>O=C1OC2(C3=C(OC4=C2C=CC(O)=C4)C=C(O)C=C3)C5=CC=C(N=C=S)C=C15</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

