
Product Data Sheet

Product Name: 5(6)-SFX (Fluorescein), SE

Cat. No.: GC50472

Chemical Properties

Cas. No. 114616-31-8

SMILES OC1=CC2=C(C3(C4=CC=C(C=C4O2)O)OC(C5=C3C=CC=C5)=O)C=C1.O=C(C)NCCCCC(ON6C(CCC6=O)=O)=OFormula C₃₁H₂₆N₂O₁₀

M.Wt

586.55

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

Structure

Background

Green fluorescent dye for the labeling of primary amines. Comprising fluorescein, with a commonly used fluorophore, the hexanoic spacer that separates the fluorophore from the molecule to which it is conjugated and makes the NHS ester group more accessible to biopolymers for conjugation. Excitation maximum = 494 nm; emission maximum = 520 nm, extinction coefficient: 74,000 cm⁻¹M⁻¹.

Ito et al (2015) Artificial human Met agonists based on macrocycle scaffolds. Nat. Commun. 6 6373 PMID:25758345

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

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