
Product Data Sheet

Product Name: 6 FAM SE

Cat. No.: GC12906

Chemical Properties

Cas. No. 92557-81-8

Chemical Name 2,5-dioxopyrrolidin-1-yl 3',6'-dihydroxy-3-oxo-3H-spiro[isobenzofuran-1,9'-xanthene]-6-carboxylate

SMILES O=C1N(OC(C2=CC(C3(C(C=CC(O)=C4)=C4OC5=C3C=CC(O)=C5)OC6=O)=C6C=C2)=O)C(CC1)=OFormula C₂₅H₁₅NO₉ M.Wt 473.39

Solubility DMSO : 50 mg/mL (105.62 mM; Need ultrasonic) Storage Store at -20°C, protect from light

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath tips 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 Condition upon request.

Structure

Background

6-FAM SE, also known as 6-Carboxyfluorescein N-hydroxysuccinimide ester or 6-Carboxyfluorescein N-succinimidyl ester, is an isomer of carboxyfluorescein and amine-reactive succinimidyl ester carboxyfluorescein which yields carboxyamides that are more resistant to hydrolysis than fluorescein conjugates prepared with FITC. 6-FAM SE is a fluorescent dye and mainly used in gene sequencing and labeling nucleotides.

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

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