

Fluorescein-5-maleimide

Cat. No. DYE-86 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Description

Fluorescein-5-maleimide is an activated fluorescent molecule (excitation: 494 nm, emission: 519 nm) that is used to easily conjugate fluorescein to proteins. The maleimide group reacts optimally with sulfhydryl groups on cysteine side chains at pH 7, forming a stable thioether bond. The compound can be used to label proteins for the detection of conformational changes, assembly of multisubunit complexes, and ligand-binding processes.

CAS number 75350-46-8

Molecular Mass 427.36

Formula C₂₄H₁₃NO₇

Ex(nm) 493

Em(nm) 515

Solvent DMSO

Storage Store at -20°C in the dark. Dessicated.

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