

Product Data Sheet



6-FAM SE

Catalog ID: 130401

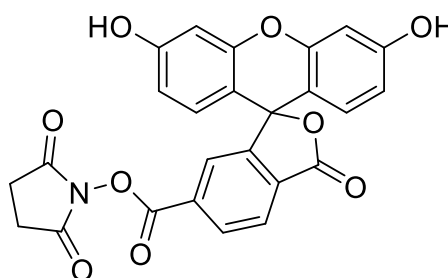
Revised: 2025-01-31

Description

6-FAM SE, the amine-reactive succinimidyl ester of the single-isomer 6-FAM acid, is one of the most popular green fluorescent reagents for labeling nucleotides and nucleic acids. While 6-FAM is highly effective for these applications, it is less frequently used for preparing small molecules compared to its counterpart, 5-FAM.

Chemical Properties

CAS number	92557-81-8
Formula	C ₂₅ H ₁₇ NO ₉
Molecular Weight	473.39
HPLC Purity	≥95%
λ _{abs} (nm)	493
ε _{max} (M ⁻¹ cm ⁻¹)	8.3×10 ⁴
λ _{fl} (nm)	517
CF ₂₆₀ = ε ₂₆₀ /ε _{max}	0.32
CF ₂₈₀ = ε ₂₈₀ /ε _{max}	0.178



Storage

Upon receipt, store at -20°C in the dark. Protect from light and moisture. When stored as indicated, 6-FAM SE is stable for at least 1 year.

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Shenzhen U-genes Biotechnology Co., Ltd.

Suite 201, Building 3, No.2 Baolong 4th Road, Shenzhen, China, 518116

Email: contact@u-genes.com Tel.: +86 755 84644912

www.u-genes.com