

# Product Data Sheet



## 5-FAM SE

Catalog ID: 130501

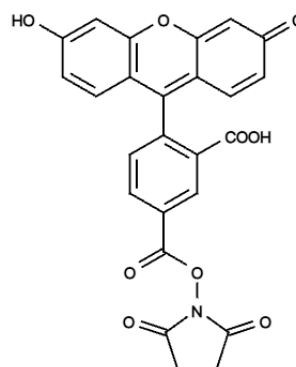
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### Description

5-FAM SE is the amine-reactive succinimidyl ester of the single-isomer 5-FAM acid. It is one of the most widely used green fluorescent reagents for labeling peptides, proteins, and nucleotides. Additionally, 5-FAM, SE has been employed in the preparation of various small fluorescent molecules, making it a versatile tool in life science research.

### Chemical Properties

CAS number	92557-80-7
Formula	C <sub>25</sub> H <sub>17</sub> NO <sub>9</sub>
Molecular Weight	473.39
HPLC Purity	≥95%
λ <sub>abs</sub> (nm)	493
ε <sub>max</sub> (M <sup>-1</sup> cm <sup>-1</sup> )	8.3×10 <sup>4</sup>
λ <sub>fl</sub> (nm)	517
CF <sub>260</sub> = ε <sub>260</sub> /ε <sub>max</sub>	0.32
CF <sub>280</sub> = ε <sub>280</sub> /ε <sub>max</sub>	0.178



### Storage

Upon receipt, store at -20°C in the dark. Protect from light and moisture. When stored as indicated, 5-FAM SE is stable for at least 1 year.

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

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