Biotium

Supplier of fluorescent and related biochemical reagents for life science research and drug discovery
Glowing Products for Science™

46117 Landing Parkway, Fremont, CA 94538 U.S.A.
Tel: 1-510-265-1027; Fax: 1-510-265-1352

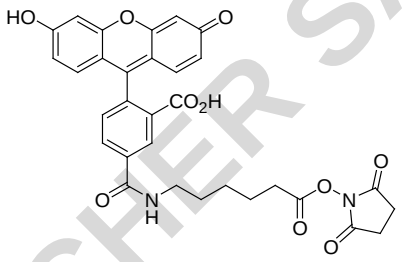
www.biotium.com

PRODUCT AND SAFETY DATA SHEET

PRODUCT NAME: **5-SFX** (6-(fluorescein-5-carboxamido)hexanoic acid, succinimidyl ester (single isomer))

CATALOG # **90095**

MOLECULAR INFORMATION: $C_{31}H_{26}N_2O_{10}$
MWt: 586.55

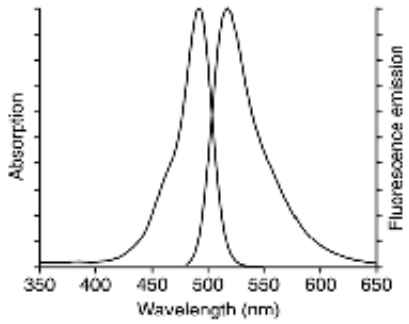


PROPERTIES:

Color & Form	Yellow solid
Purity	≥95% by TLC
Solubility	Soluble in DMF, DMSO or pH>6.5 buffer
Absorption/Emission	495nm/519nm (pH 9)
Extinction Coefficient	65,000

STORAGE AND HANDLING: Store desiccated at -20 °C. Protect from light, especially when in solution.

APPLICATION: 5-SFX has a 6-atom aminohexanoyl spacer group that separates the fluorescein dye and the amine-reactive group. See below for spectra.



TOXICITY: Not established. Not listed by NTP, IARC or OSHA.

FIRST AID: Potentially harmful. Avoid prolonged or repeated exposure. Avoid getting in eyes, on skin, or on clothing. Wash thoroughly after handling. If eye or skin contact occurs, wash affected areas with plenty of water for 15 minutes and seek medical advice. In case of inhaling or swallowing, move individual to fresh air and seek medical advice immediately.

Disclaimer: *Materials from Biotium are sold for research use only, and are not intended for food, drug, household, or cosmetic use. Biotium is not liable for any damage resulting from handling or contact with this product.*

DOMINIQUE DUTSCHER SAS