

Product Specification Sheet

5-Fluorescein (3-azidopropyl) amide

Product Code: TF-0119		
HO	CAS Number	510758-23-3
	Molecular Formula	C ₂₄ H ₁₈ N ₄ O ₆
	Molecular Weight	458.4 gmol ⁻¹
СООН		
	Shipping	Ambient
	Storage	Store at -20 °C. Keep dry.
N_3 — $(CH_2)_3$		Protect material from light!
Н		
Quality Assurance Data	Specification	
Appearance visual	yellow solid	
Percent purity by HPLC at 240 nm	≥ 90 %	
Molecular weight by MALDI [M+H]+	459.5 ± 3 gmol ⁻¹	
Absorption maximum, λ_{abs} in T&S buffer ¹ , pH 9.0	494 ± 3 nm	
Emission maximum, λ_{em} in T&S buffer¹, pH 9.0	519 ± 3 nm	
Molar absorbance, ε in T&S buffer ¹ , pH 9.0	~80,000 M ⁻¹ cm ⁻¹	
Notice:	The use of this product is strictly limited to trained personnel for professional manufacturing, laboratory, or research purposes. Final Fitness-For-Use must be determined by and is the sole responsibility of the enduser.	
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¹ In T&S Buffer (Theorell & Stenhagen Buffer, pH 9: 6.7 mM citrate, 6.7 mM phosphate, 11.4 mM borate, 24 mM sodium chloride)

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Document: TF-0119_PSS_V1

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