

Product Specification Sheet

5/6-Fluorescein (5-aminopentyl) amide, mixed isomers, TFA Salt

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Product Code: TF-0121		
	CAS Number	n.a.
HO	Molecular Formula	$C_{28}H_{25}F_3N_2O_8$
	Molecular Weight	574.5 gmol ⁻¹
СООН		
O 6-isomer	Shipping	Ambient
F ₃ C O HN 5-isomer	Storage	Store at -20 °C. Keep dry.
H ₃ N—(CH ₂), O		Protect material from light!
Quality Assurance Data	Specification	
Appearance	yellow solid	
visual		
Percent purity by HPLC at 240 nm	≥ 90 %	
Molecular weight	461.5 ± 3 gmol ⁻¹	
by MALDI [M-TFA+H]+		
Absorption maximum, λ _{abs}	494 ± 3 nm	
in T&S buffer ¹ , pH 9.0		
Emission maximum, λ_{em}	519 ± 3 nm	
in T&S buffer ¹ , pH 9.0		
Molar absorbance, ε	~80,000 M ⁻¹ cm ⁻¹	
in T&S buffer ¹ , pH 9.0		
N:	71 (1) 1 (1) 1 (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 end-	
	user.	
	usei.	

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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