

CERTIFICATE OF ANALYSIS

PRODUCT:	BCECF (AM) [2',7'-bis-(2-carboxyethyl)-5(6)-carboxyfluorescein (AM)] M.W. ~ 821 g/mol (mixture of lactones and AM esters)
PRODUCT NUMBER:	B-1097
LOT NUMBER:	A9638
APPEARANCE:	Light orange solid
SOLUBILITY:	Soluble in DMSO
<u>PURITY (TLC)</u>	
SOLVENT SYSTEM:	1:1 Ethyl acetate/Hexane
R_f:	0.4
PURITY:	> 95%
<u>PURITY (HPLC)</u>	
COLUMN:	C ₁₈
SOLVENTS:	A = water; B = MeOH
GRADIENT:	40%-99.9% B
PURITY:	> 90% (mixture of isomers, lactones and AM esters)
H¹-NMR:	All relevant peaks present
<u>ABSORBANCE SPECTRA</u>	
SOLVENT:	0.2 M KOH in MeOH
λ max:	507 nm
ε:	100,000 M ⁻¹ cm ⁻¹

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EMISSION SPECTRUM

SOLVENT: 0.2 M KOH in MeOH
 λ max: 531 nm

STORAGE & HANDLING: Store at -20°C . **PROTECT FROM LIGHT!**

CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KT