



CERTIFICATE OF ANALYSIS

PRODUCT: BCECF (Free Acid)
M.W. 520

PRODUCT NUMBER: B-1095

LOT NUMBER: A8262

APPEARANCE: Orange solid

SOLUBILITY: Soluble in DMSO

PURITY (TLC):

| | <u>Reverse Phase C₁₈</u> | <u>Normal Phase</u> |
|--|-------------------------------------|--|
| | Solvent: 7:3 MeOH/H ₂ O | Solvent: 10:5:1:0.1 CHCl ₃ /MeOH/H ₂ O/AcOH |
| | R _f : Solvent front | R _f : 0.26 |

EMISSION SPECTRA: Solvent: 0.2 M methanolic KOH
 λ max: 531 nm

ABSORBANCE SPECTRA: Solvent: 0.05 M aqueous KOH
 λ max: 503 nm
 ϵ : 103,266 M⁻¹ cm⁻¹

ADDITIONAL INFO: Mixture of isomers. Fluorescent pH indicator.

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: 