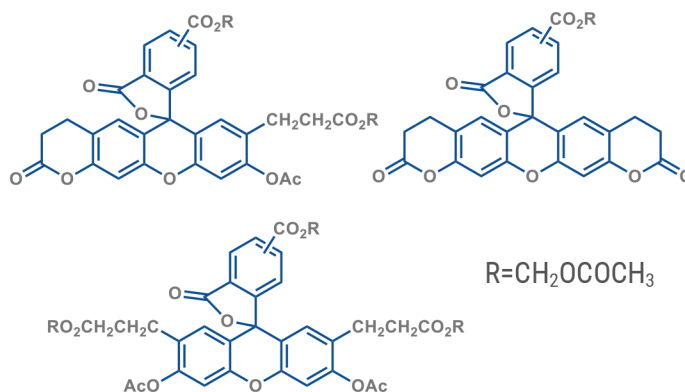


Product Specifications

Catalog Number: 4011B | 4011E



BCECF AM



Description

CAS number	17464-70-7
PubChem CID	53229972
Molecular Weight	821, 689, 556 g/mol
Solubility	DMSO
pKa	7

Absorbance Spectrum

Solvent	0.05 M aqueous KOH
Absorbance max	503 ± 3 nm

¹H NMR Spectrum

Solvent	Deuterated acetone
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Only relevant product peaks – with appropriate chemical shifts and peak integrations – and solvent peaks present.

LCMS

Column	Agilent 1220 Infinity II Agilent Infinity Lab Poroshell 120 ECC18, 30 x 50 mm, 2.7 μm C ₁₈
UV-Vis Diode Array Detector	254 nm
Purity	≥ 95%
Single Quad MS Detector	ESI positive
Molecular Ion	822.07 ± 0.5 amu (MH ⁺) 846.07 ± 0.5 amu (MNa ⁺)

Fluorescence Spectrum

Solvent	0.05 M aqueous KOH
Excitation max	430, 490 nm
Emission max	535 nm

TLC

Solvent	SiO ₂ on Al backing with F ₂₅₄ 2:1 Hexane / Ethyl Acetate
R _f	0.75