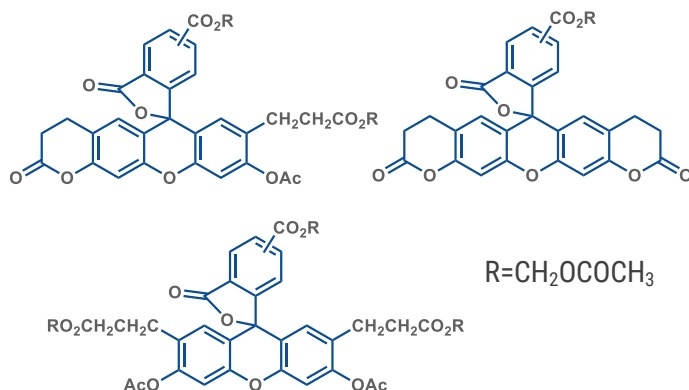


Catalog Number: 4011B | 4011E



BCECF AM



Description

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

LCMS

	Agilent 1220 Infinity II
Column	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 ⁺)

Absorbance Spectrum

	Agilent Cary 60 UV-VIS Spectrophotometer
Solvent	0.05 M aqueous KOH
Absorbance max	503 ± 3 nm

Fluorescence Spectrum

	Horiba Jobin Yvon FluoroMax 4 Spectrofluorometer
Solvent	0.05 M aqueous KOH
Excitation max	430, 490 nm
Emission max	535 nm

¹H NMR Spectrum

	Bruker Avance 400
Solvent	Deuterated acetone
Only relevant product peaks – with appropriate chemical shifts and peak integrations – and solvent peaks present.	

TLC

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