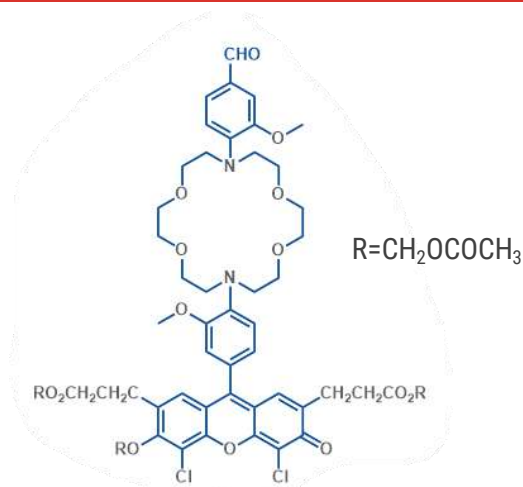


Catalog Number: 3041C | 30401F



IPG-1 AM



Description

CAS number	N/A
PubChem CID	N/A
Molecular Weight	1140 g/mol
Solubility	DMSO
K _d for K ¹⁺	50 mM

Absorbance Spectrum

Solvent	Methanol
Absorbance max	472 ± 3 nm

¹H NMR Spectrum

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

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	≥ 90%
Single Quad MS Detector	ESI positive
Molecular Ion	1141.02 ± 0.5 amu (MH ⁺) 1163.02 ± 0.5 amu (MNa ⁺)

Fluorescence Spectrum

Solvent	Methanol
Excitation max	525 ± 3 nm
Emission max	545 ± 3 nm

TLC

Solvent	SiO ₂ on Al backing with F ₂₅₄
R _f	10% methanol / chloroform
	0.5