

Product Specifications

Catalog Number: 3021C | 3021F



IPG-4 AM

Description

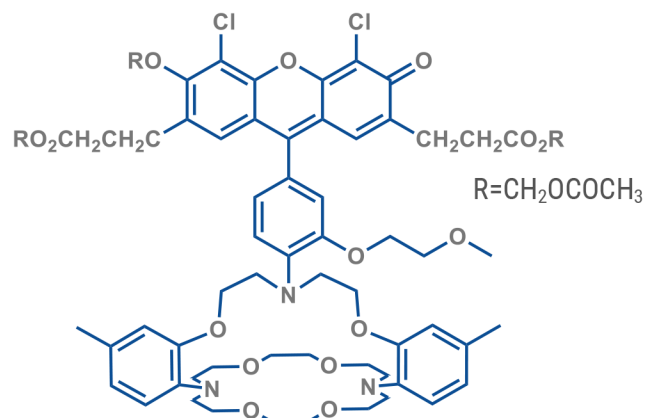
CAS number	N/A
PubChem CID	N/A
Molecular Weight	1333 g/mol
Solubility	DMSO
K _d for K ¹⁺	7 mM

Absorbance Spectrum

	Agilent Cary 60 UV-VIS Spectrophotometer
Solvent	MeOH
Absorbance max	469 ± 3 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.	



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	1072.07 ± 0.5 amu (MH ⁺) 1094.07 ± 0.5 amu (MNa ⁺)

Fluorescence Spectrum

	Horiba Jobin Yvon FluoroMax 4 Spectrofluorometer
Solvent	Methanol
Excitation max	525 nm
Emission max	545 nm

TLC

	SiO ₂ on Al backing with F ₂₅₄
Solvent	8% methanol / chloroform
R _f	0.5