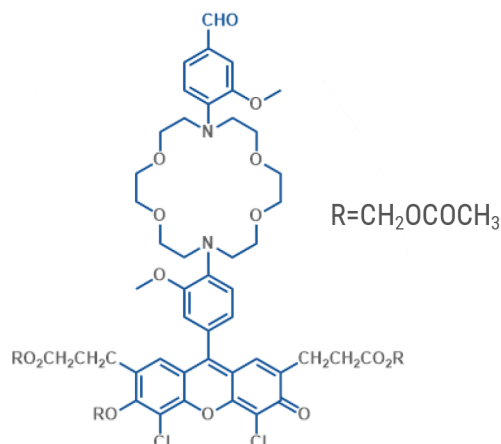


# Product Specifications

Catalog Number: 3041C | 30401F



## IPG-1 AM



### Description

CAS number	N/A
PubChem CID	N/A
Molecular Weight	1140 g/mol
Solubility	DMSO
K <sub>d</sub> for K <sup>1+</sup>	50 mM

### Absorbance Spectrum

Solvent	Methanol
Absorbance max	472 ± 3 nm

### <sup>1</sup>H NMR Spectrum

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

### LCMS

Column	Agilent 1220 Infinity II
UV-Vis Diode Array Detector	Agilent Infinity Lab Poroshell 120 ECC18, 30 x 50 mm, 2.7 μm C <sub>18</sub>
Purity	254 nm
Single Quad MS Detector	≥ 90%
Molecular Ion	ESI positive
	1141.02 ± 0.5 amu (MH <sup>+</sup> ) 1163.02 ± 0.5 amu (MNa <sup>+</sup> )

### Fluorescence Spectrum

Solvent	Horiba Jobin Yvon FluoroMax 4 Spectrofluorometer
Excitation max	Methanol
Emission max	525 ± 3 nm
	545 ± 3 nm

### TLC

Solvent	SiO <sub>2</sub> on Al backing with F <sub>254</sub>
R <sub>f</sub>	10% methanol / chloroform
	0.5