

Catalog Number: 3043C | 3043F



IPG-1 TMA⁺ Salt

Description

CAS number	N/A
PubChem CID	N/A
Molecular Weight	1145 g/mol
Solubility	DMSO
K _d for K ¹⁺	50 mM

Absorbance Spectrum

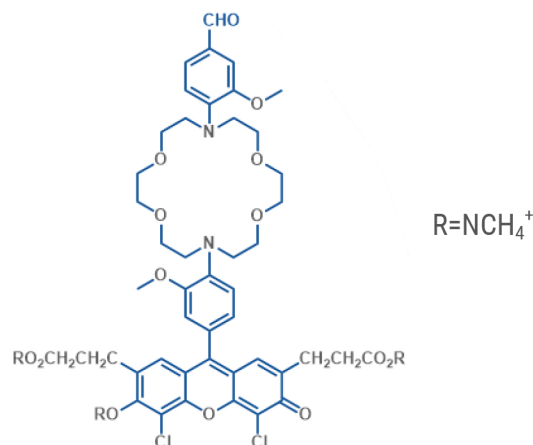
Agilent Cary 60 UV-VIS Spectrophotometer

Solvent	Methanol
Absorbance max	525 ± 3 nm

¹H NMR Spectrum

Bruker Avance 400

Solvent	Deuterated methanol
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	925.28 ± 0.5 amu (MH ⁺) 947.28 ± 0.5 amu (MNa ⁺)

Fluorescence Spectrum

Horiba Jobin Yvon FluoroMax 4 Spectrofluorometer

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

TLC

SiO₂ on Al backing with F₂₅₄

Solvent	65% Acetonitrile / 35% Brine
R _f	0.5