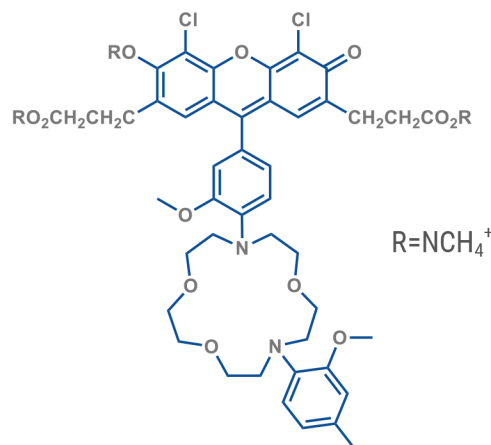


# Product Specifications

Catalog Number: 2013C | 2013F



## ING-2 TMA<sup>+</sup> Salt



### Description

CAS number	N/A
PubChem CID	N/A
Molecular Weight	1087 g/mol
Solubility	DMSO
K <sub>d</sub> for Na <sup>2+</sup>	20 mM

### Absorbance Spectrum

Solvent	Methanol
Absorbance max	523 ± 3 nm

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

Solvent	Deuterated water
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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
	869.07 ± 0.5 amu (MH <sup>+</sup> ) 891.07 ± 0.5 amu (MNa <sup>+</sup> )

### Fluorescence Spectrum

Solvent	Horiba Jobin Yvon FluoroMax 4 Spectrofluorometer
Excitation max	135 mM NaCl, 10mM MOPS, pH 7.2
Emission max	525 nm
	545 nm

### TLC

Solvent	SiO <sub>2</sub> on Al backing with F <sub>254</sub>
R <sub>f</sub>	7:3 Methanol / 3M Sodium Acetate
	0.5