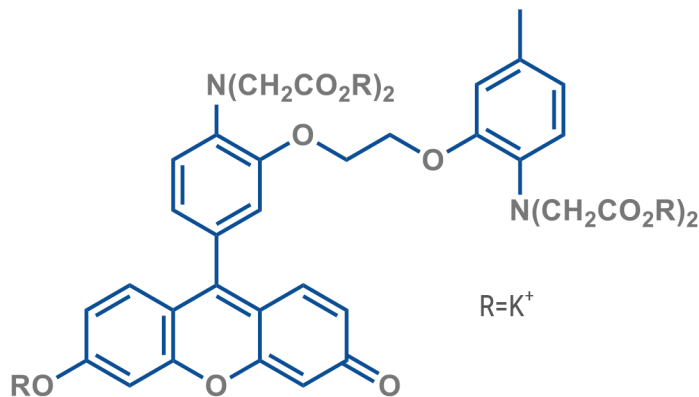


# Product Specifications

Catalog Number: 1022B | 1022E



## Fluo-2 HA K<sup>+</sup> Salt



### Description

CAS number	-
PubChem CID	-
Molecular Weight	891 g/mol
Solubility	Water
K <sub>d</sub> for Ca <sup>2+</sup>	290 nM

### Absorbance Spectrum

Agilent Cary 60 UV-VIS Spectrophotometer

Solvent	Water
Absorbance max	490 ± 3 nm

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

Bruker Avance 400

Solvent	Deuterated water
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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 <sub>18</sub>
UV-Vis Diode Array Detector	254 nm
Purity	≥ 95%
Single Quad MS Detector	ESI positive
Molecular Ion	702.07 ± 0.5 amu (MH <sup>+</sup> ) 724.07 ± 0.5 amu (MNa <sup>+</sup> )

### Fluorescence Spectrum

Horiba Jobin Yvon FluoroMax 4 Spectrofluorometer

Solvent	Water
Excitation max	490 nm
Emission max	515 nm

### TLC

SiO<sub>2</sub> on Al backing with F<sub>254</sub>

Solvent	Water / Methanol 3:7
R <sub>f</sub>	0.8