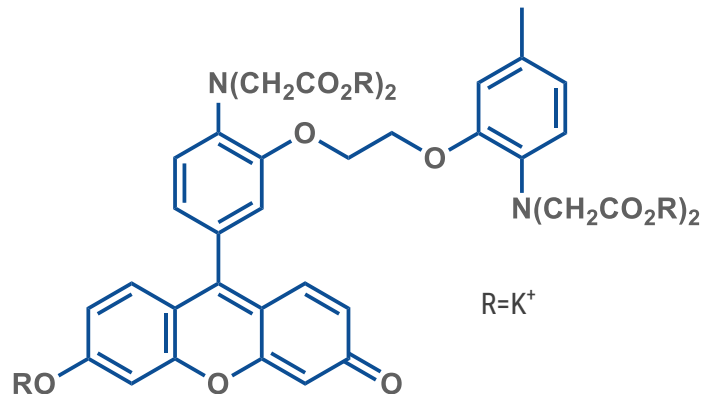


Fluo-2 K⁺ Salt



Description	
CAS number	-
PubChem CID	-
Molecular Weight	891 g/mol
Solubility	Water
K _d	290 nM

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	701.20 ± 0.5 amu (MH ⁺) 723.40 ± 0.5 amu (MNa ⁺) 351.11 ± 0.5 amu (MH ₂ ²⁺)

Absorbance Spectrum	Agilent Cary 60 UV-VIS Spectrophotometer
Solvent	High-Calcium Buffer
Absorbance max	490 ± 3 nm

Fluorescence Spectrum	Horiba Jobin Yvon FluoroMax 4 Spectrofluorometer
Solvent	High-Calcium Buffer
Excitation max	● 490 nm
Emission max	● 515 nm

¹ H NMR Spectrum	Bruker Avance 400
Solvent	Deuterated water
Only relevant product peaks – with appropriate chemical shifts and peak integrations – and solvent peaks present.	