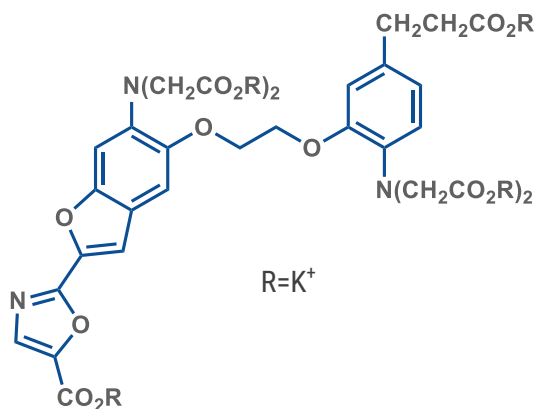


Fura-2 LR K⁺ Salt



Description	
CAS number	N/A
PubChem CID	N/A
Molecular Weight	928 g/mol
Solubility	Water
K _d	145 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	≥ 90%
Single Quad MS Detector	ESI positive
Molecular Ion	701.07 ± 0.5 amu (MH ⁺) 724.07 ± 0.5 amu (MNa ⁺)

Absorbance Spectrum	Agilent Cary 60 UV-VIS Spectrophotometer
Solvent	100 mM KCl, 10mM Mops, pH 7.2
Absorbance max	363 ± 3 nm

Fluorescence Spectrum	Horiba Jobin Yvon FluoroMax 4 Spectrofluorometer
Solvent	100 mM KCl, 10 mM Mops, pH 7.2
Excitation max	340, 380 nm
Emission max	505 ± 3 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.	

TLC	SiO ₂ on Al backing with F ₂₅₄
Solvent	3:7 Water / Methanol
R _f	Solvent front