

Product Specifications

Catalog Number: 1042C | 1042F



Fluo-4 K⁺ Salt

Description

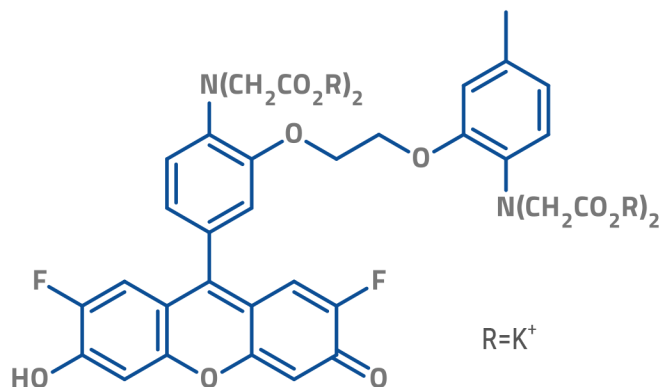
CAS number	-
PubChem CID	-
Molecular Weight	927 g/mol
Solubility	Water
K _d for Ca ²⁺	335 nM

Absorbance Spectrum

Solvent	Methanol
Absorbance max	490 ± 3 nm

¹H NMR Spectrum

Solvent	Deuterated water
Only relevant product peaks – with appropriate chemical shifts and peak integrations – and solvent peaks present.	



LCMS

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	738.07 ± 0.5 amu (MH ⁺) 760.07 ± 0.5 amu (MNa ⁺)

Fluorescence Spectrum

Fluorescence Spectrum	Horiba Jobin Yvon FluoroMax 4 Spectrofluorometer
Solvent	0.1M aq. KOH
Excitation max	490 nm
Emission max	515 nm

TLC

TLC	SiO ₂ on Al backing with F ₂₅₄
Solvent	Water
R _f	0.9