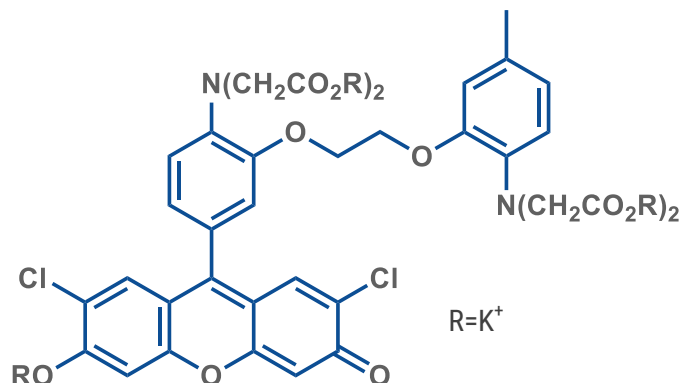


Fluo-3 K⁺ Salt



Description

CAS number	-
PubChem CID	-
Molecular Weight	960 g/mol
Solubility	Water
K _d	390 nM

Absorbance Spectrum

	Agilent Cary 60 UV-VIS Spectrophotometer
Solvent	High-Calcium Buffer
Absorbance max	505 ± 3 nm

¹H NMR Spectrum

	Bruker Avance 400
Solvent	Deuterated water

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 ₁₈
UV-Vis Diode Array Detector	254 nm
Purity	≥ 90%
Single Quad MS Detector	ESI positive
Molecular Ion	769.12 ± 0.5 amu (MH ⁺) 791.10 ± 0.5 amu (MNa ⁺) 385.07 ± 0.5 amu (MH ₂ ²⁺)

Fluorescence Spectrum

	Horiba Jobin Yvon FluoroMax 4 Spectrofluorometer
Solvent	High-Calcium Buffer
Excitation max	506 nm
Emission max	526 nm