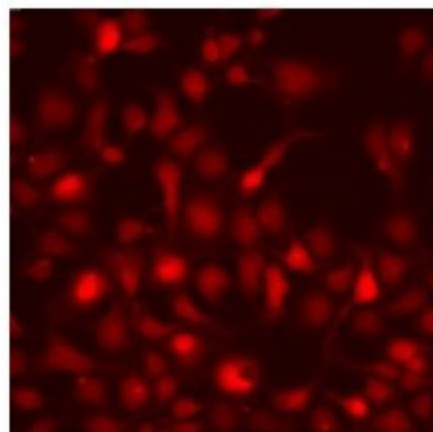


Product Specifications

Catalog Number: 1092C | 1092F



ICR-1 K⁺ Salt



Description

CAS number	N/A
PubChem CID	N/A
Molecular Weight	1048.96 g/mol
Solubility	Water
K _d for Ca ²⁺	480 nM

Absorbance Spectrum

Instrument	Agilent Cary 60 UV-VIS Spectrophotometer
Solvent	Methanol
Absorbance max	580 ± 3 nm

¹H NMR Spectrum

Instrument	Bruker Avance 400
Solvent	Deuterated methanol
Only relevant product peaks – with appropriate chemical shifts and peak integrations – and solvent peaks present.	

LCMS

Instrument	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	860.17 ± 0.5 amu (MH ⁺) 883.23 ± 0.5 amu (MNa ⁺)

Fluorescence Spectrum

Instrument	Horiba Jobin Yvon FluoroMax 4 Spectrofluorometer
Solvent	Methanol
Excitation max	580 ± 3 nm
Emission max	660 ± 3 nm

TLC

Stationary Phase	SiO ₂ on Al backing with F ₂₅₄
Solvent	8:2 Methanol / Water
R _f	0.7