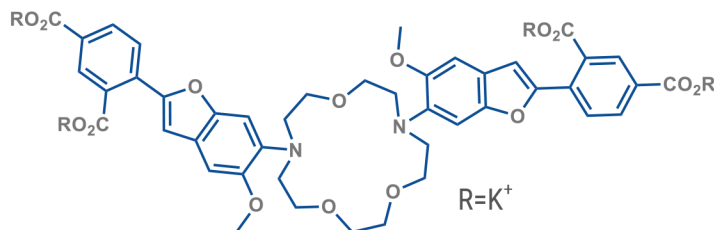


Product Specifications

Catalog Number: 2022B | 2022E



SBFI K⁺ Salt



Description

CAS number	N/A
PubChem CID	N/A
Molecular Weight	991 g/mol
Solubility	Water (pH>8)
K _d for Na ²⁺	4 mM

Absorbance Spectrum

	Agilent Cary 60 UV-VIS Spectrophotometer
Solvent	135 mM TMACl, 10mM MOPS, pH 7.2
Absorbance max	339 ± 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	840.07 ± 0.5 amu (MH ⁺), 862.07 ± 0.5 amu (MNa ⁺)

Fluorescence Spectrum

	Horiba Jobin Yvon FluoroMax 4 Spectrofluorometer
Solvent	135 mM TMACl, 10mM MOPS, pH 7.2
Excitation max	340, 380 nm
Emission max	505 ± 3 nm

TLC

	SiO ₂ on Al backing with F ₂₅₄
Solvent	7:3 methanol / water
R _f	0.9