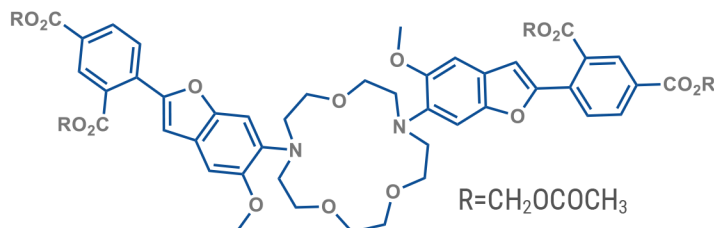


# Product Specifications

Catalog Number: 2021B | 2021E



## SBFI AM



### Description

CAS number	129423-53-6
PubChem CID	4349546
Molecular Weight	1127 g/mol
Solubility	DMSO
K <sub>d</sub> for Na <sup>2+</sup>	4 mM

### Absorbance Spectrum

Solvent	Methanol
Absorbance max	379 ± 3 nm

### <sup>1</sup>H NMR Spectrum

Solvent	Deuterated chloroform
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 <sub>18</sub>
UV-Vis Diode Array Detector	254 nm
Purity	≥ 90%
Single Quad MS Detector	ESI positive
Molecular Ion	1128.07 ± 0.5 amu (MH <sup>+</sup> ), 1150.07 ± 0.5 amu (MNa <sup>+</sup> )

### Fluorescence Spectrum

Horiba Jobin Yvon FluoroMax 4 Spectrofluorometer	
Solvent	pH 7 buffer
Excitation max	340, 380 nm
Emission max	505 nm ± 3 nm

### TLC

SiO <sub>2</sub> on Al backing with F <sub>254</sub>	
Solvent	10 % methanol / chloroform
R <sub>f</sub>	0.35