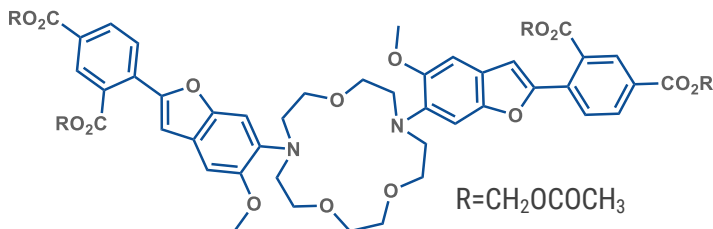


Catalog Number: 2021B | 2021E



SBFI AM



Description

| | |
|-------------------------------------|-------------|
| CAS number | 129423-53-6 |
| PubChem CID | 4349546 |
| Molecular Weight | 1127 g/mol |
| Solubility | DMSO |
| K _d for Na ²⁺ | 4 mM |

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 | 1128.07 ± 0.5 amu (MH ⁺) 1150.07 ± 0.5 amu (MNa ⁺) |

Absorbance Spectrum

| | |
|----------------|--|
| | Agilent Cary 60 UV-VIS Spectrophotometer |
| Solvent | Methanol |
| Absorbance max | 379 ± 3 nm |

Fluorescence Spectrum

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

¹H NMR Spectrum

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

TLC

| | |
|----------------|--|
| | SiO ₂ on Al backing with F ₂₅₄ |
| Solvent | 10 % methanol / chloroform |
| R _f | 0.35 |