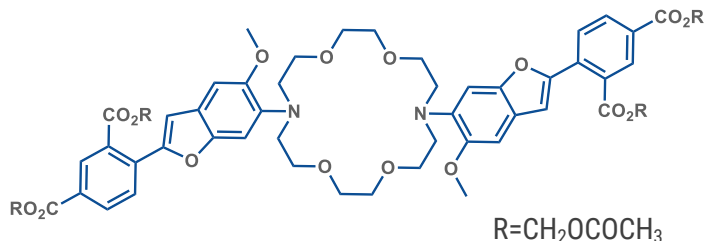


## PBFI AM



Description	
CAS number	124549-23-1
PubChem CID	32834995
Molecular Weight	1171 g/mol
Solubility	DMF, DMSO
K <sub>d</sub> for K <sup>1+</sup>	5 mM

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	1171.38 ± 0.5 amu (MH <sup>+</sup> ) 586.19 ± 0.5 amu (MH <sub>2</sub> <sup>2+</sup> ) 1193.36 ± 0.5 amu (MNa <sup>+</sup> )

Absorbance Spectrum	Agilent Cary 60 UV-VIS Spectrophotometer
Solvent	140 mM KCl, 10mM MOPS, pH 7.2
Absorbance max	337 ± 3 nm

Fluorescence Spectrum	Horiba Jobin Yvon FluoroMax 4 Spectrofluorometer
Solvent	140 mM KCl, 10mM MOPS, pH 7.2
Excitation max	337 ± 3 nm
Emission max	492 ± 3 nm

<sup>1</sup> H 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 <sub>2</sub> on Al backing with F <sub>254</sub>
Solvent	10 % methanol / chloroform
R <sub>f</sub>	0.5