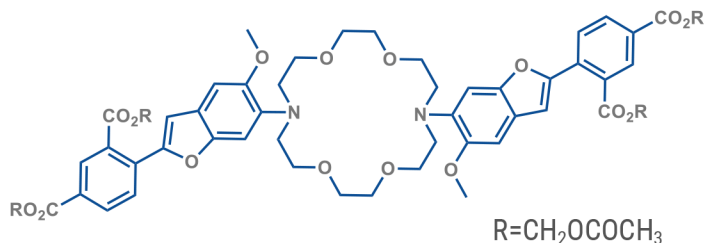


PBFI AM



Description	
CAS number	124549-23-1
PubChem CID	32834995
Molecular Weight	1171 g/mol
Solubility	DMF, DMSO
K _d	5 mM

Absorbance Spectrum	Agilent Cary 60 UV-VIS Spectrophotometer
Solvent	2:1 MeOH / Chloroform
Absorbance max	369 ± 3 nm

¹ H NMR Spectrum	Bruker Avance 400
Solvent	Deuterated acetone
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	1172.07 ± 0.5 amu (MH ⁺) 1194.07 ± 0.5 amu (MNa ⁺)

Fluorescence Spectrum	Horiba Jobin Yvon FluoroMax 4 Spectrofluorometer
Solvent	2:1 Methanol / Chloroform
Excitation max	340, 380 nm
Emission max	505 nm

TLC	SiO ₂ on Al backing with F ₂₅₄
Solvent	10 % methanol / chloroform
R _f	0.5