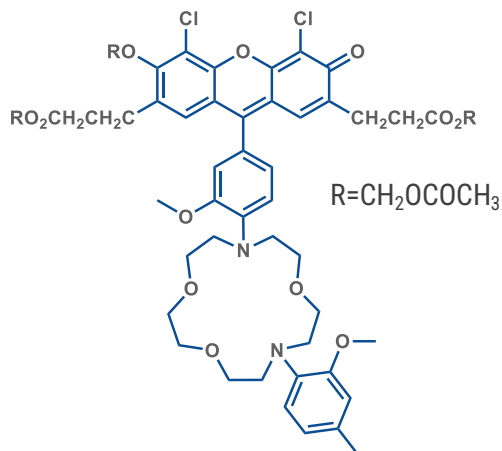


## ING-2 AM



Description	
CAS number	N/A
PubChem CID	N/A
Molecular Weight	1084 g/mol
Solubility	DMSO
K <sub>d</sub>	20 mM

LCMS	Agilent 1220 Infinity II
Column	Agilent Infinity Lab Poroshell 120 ECC18, 3.0 x 150 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	1083.33 ± 0.5 amu (MH <sup>+</sup> ) 1105.31 ± 0.5 amu (MNa <sup>+</sup> ) 542.17 ± 0.5 amu (MH <sub>2</sub> <sup>2+</sup> )

Absorbance Spectrum*	Agilent Cary 60 UV-VIS Spectrophotometer
Solvent	140mM NaCl in MOPS
Absorbance max	517 ± 3 nm

Fluorescence Spectrum*	Horiba Jobin Yvon FluoroMax 4 Spectrofluorometer
Solvent	140mM NaCl in MOPS
Excitation max	517 nm
Emission max	540 nm

<sup>1</sup> H NMR Spectrum	Bruker Avance 400
Solvent	Deuterated acetone
Only relevant product peaks – with appropriate chemical shifts and peak integrations – and solvent peaks present.	

\*AM esters hydrolyzed to ion-sensing salt form prior to acquiring spectral data