Electronic Supplementary Material (ESI) for RSC Advances.

Aza-BODIPY Probe for Selective Visualization of Cyclooxygenase-2 in Cancer Cell

Supporting Information

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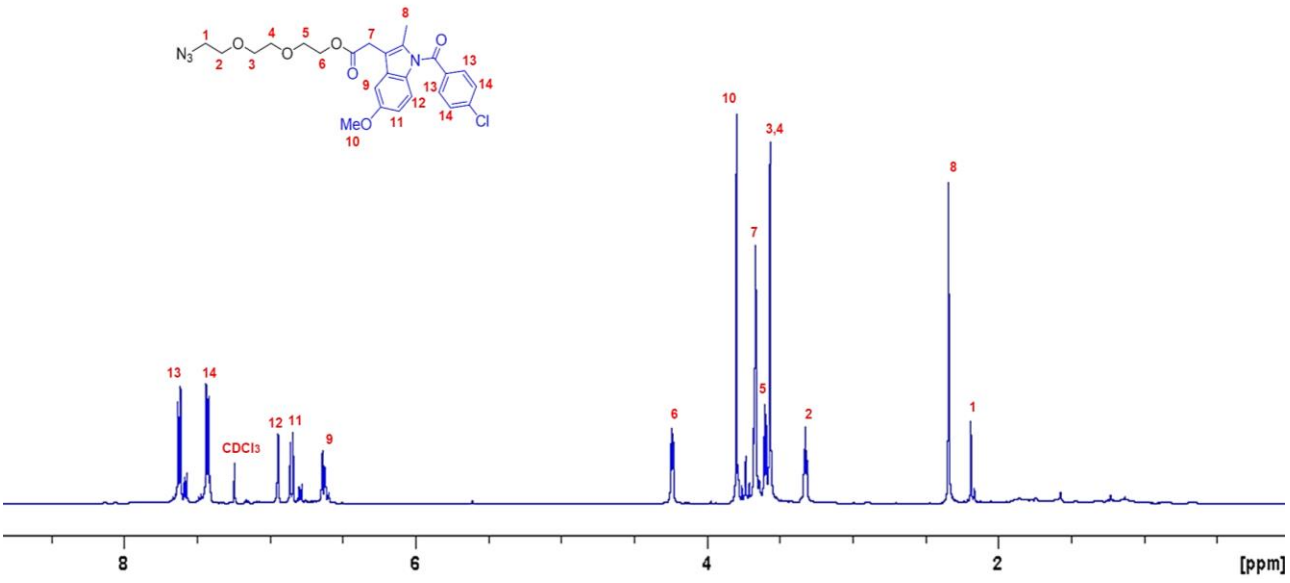
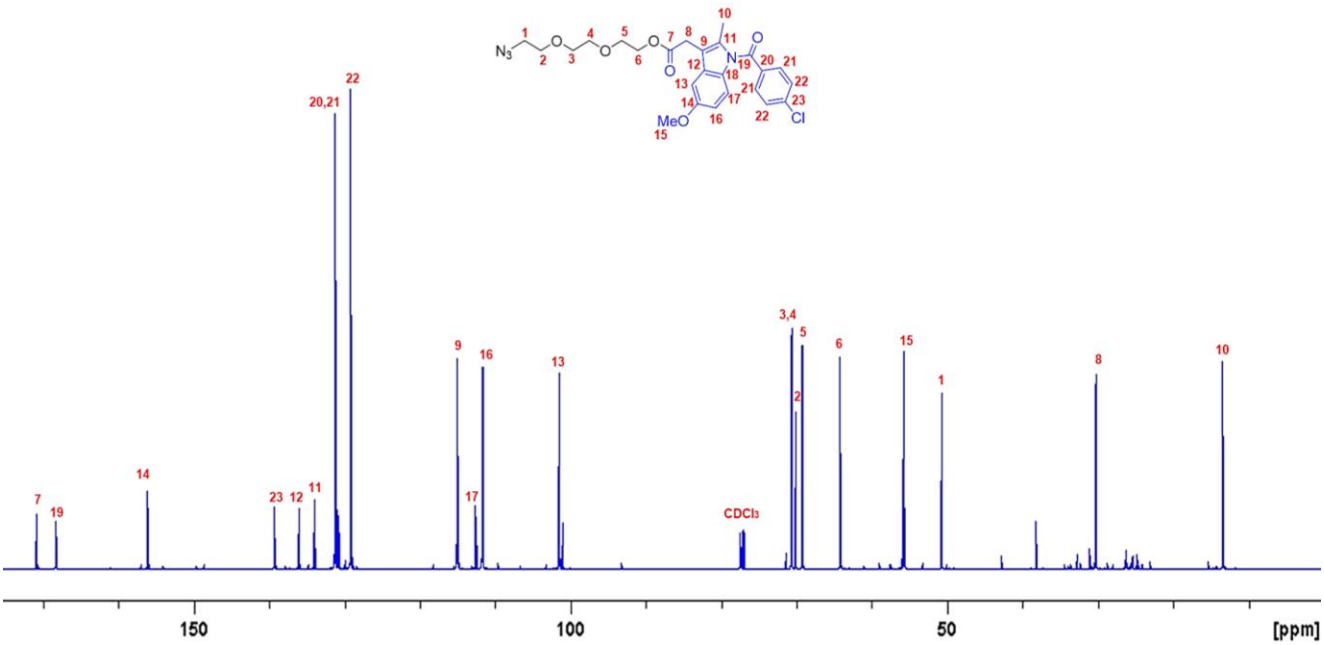
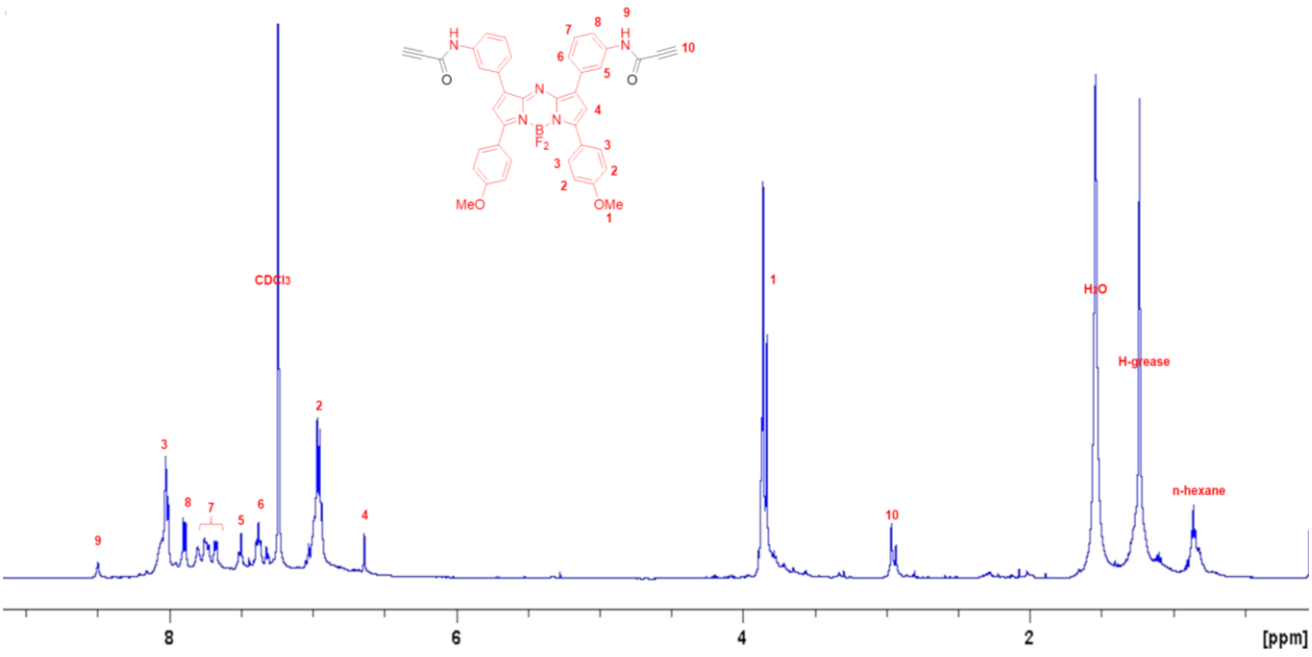
1. ^{1}H NMR, ^{13}C NMR, and MS results of compound 3, 5, and AZB-IMC$_2$



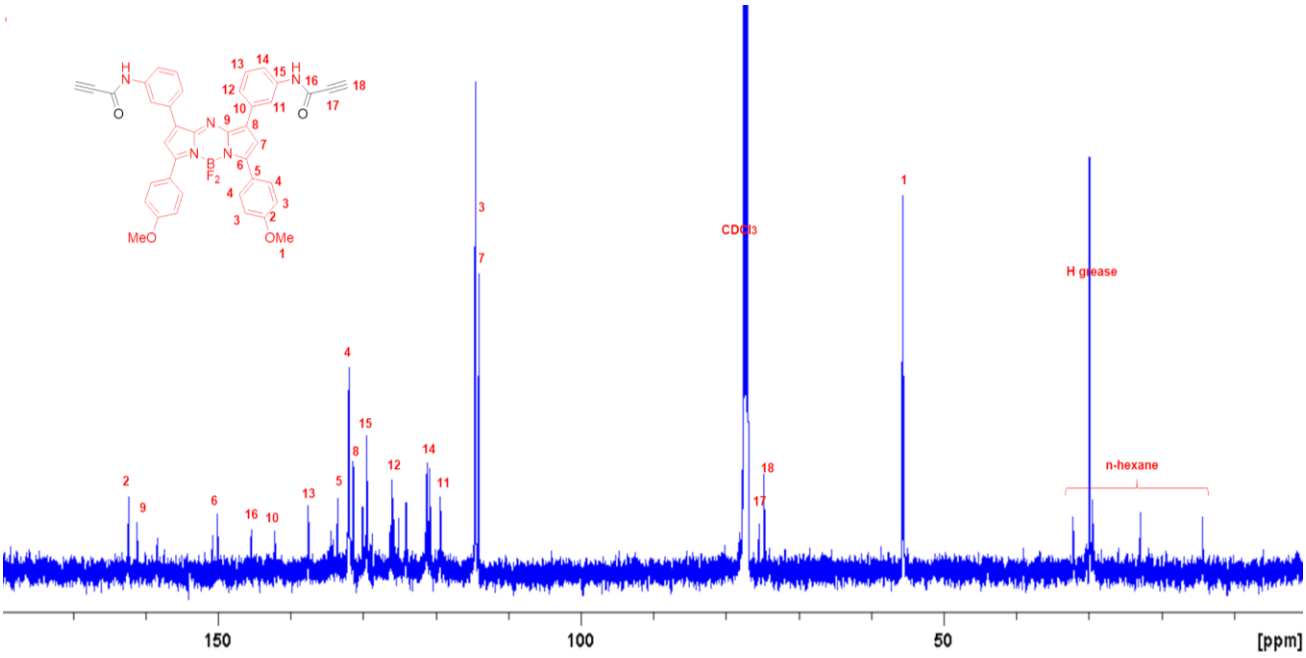
^{1}H NMR of compound **3**



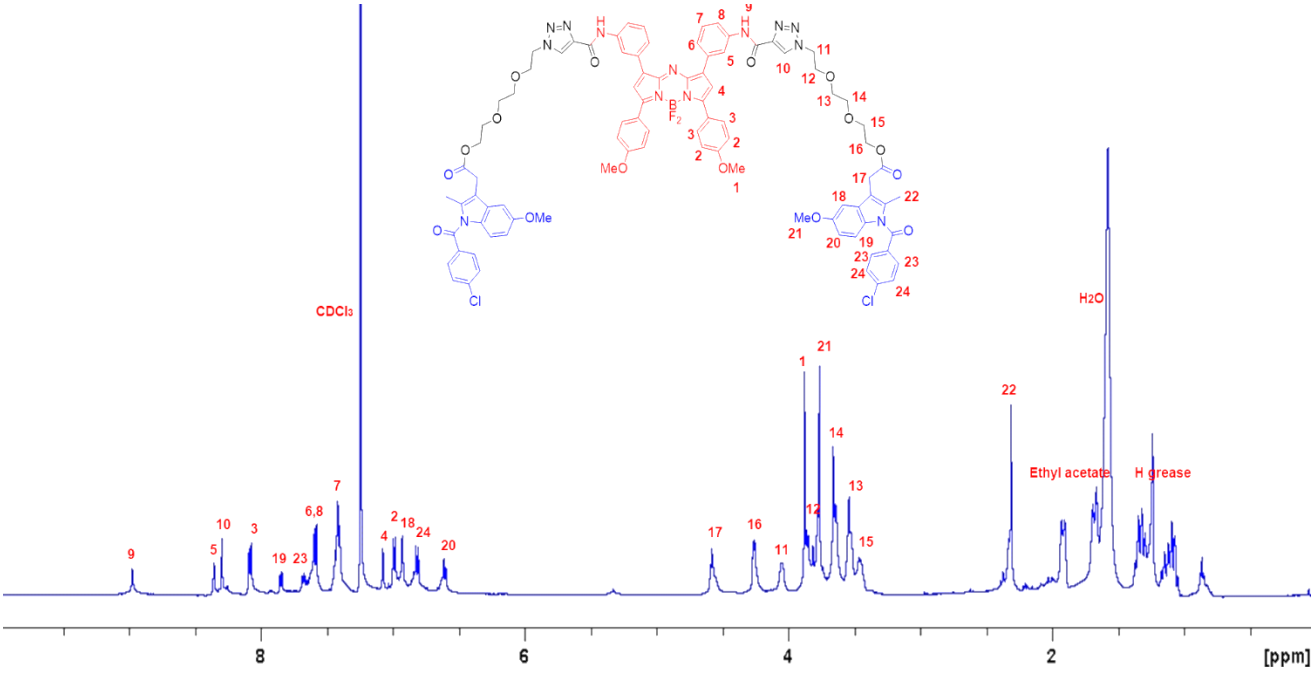
^{13}C NMR of compound **3**



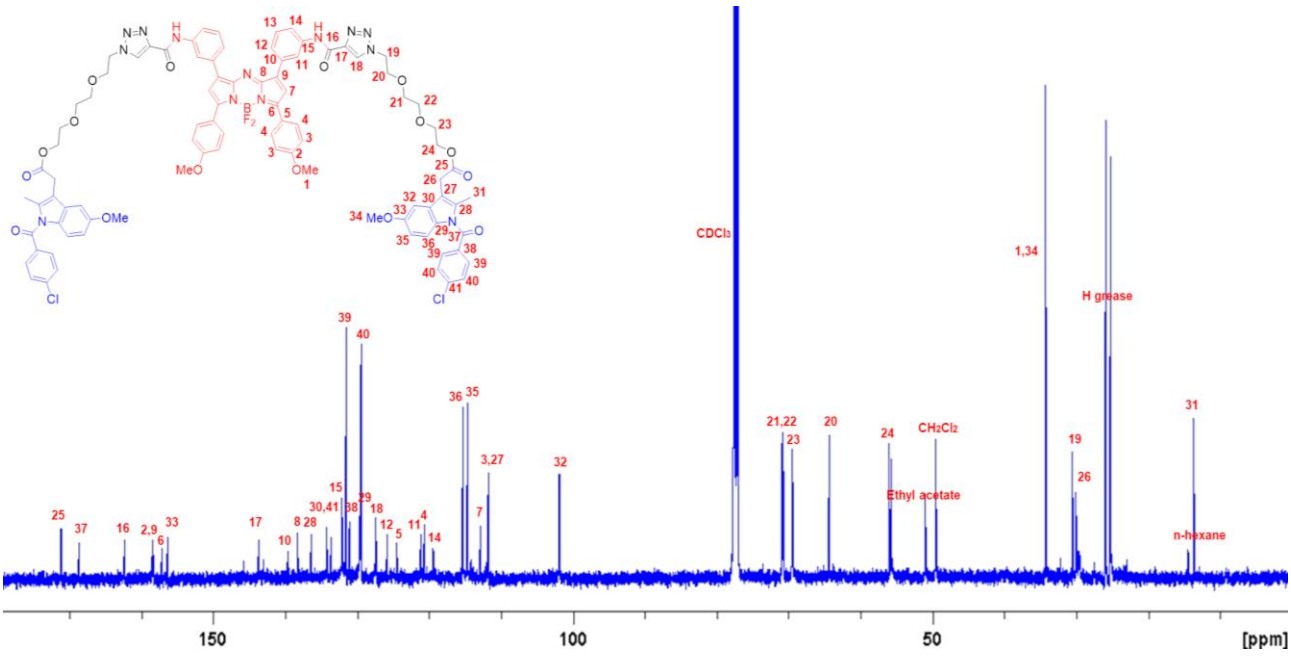
^{1}H NMR of compound **5**



^{13}C NMR of compound **5**



^{1}H NMR of **AZB-IMC$_2$**



^{13}C NMR of **AZB-IMC$_2$**

High resolution report

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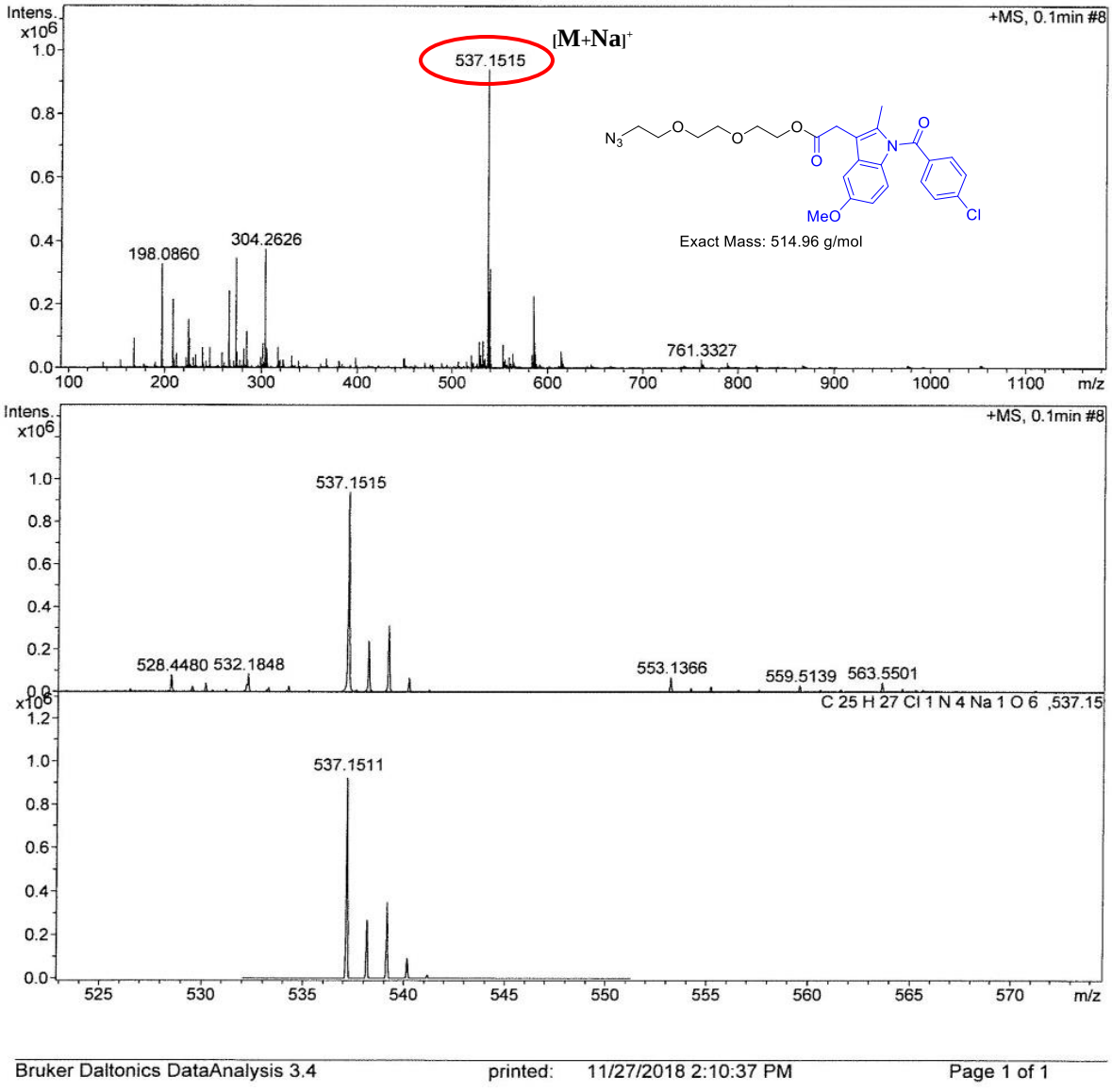
Analysis Name	D:\Data\customer\PEG N3 Indomethacin.d		
Method	NaFormate_pos.m	Operator	Sutichai Ext: 3560
Sample Name	PEG N3 Indomethacin	Instrument	micrOTOF Bruker
		Calibrate by	Sodium Formate

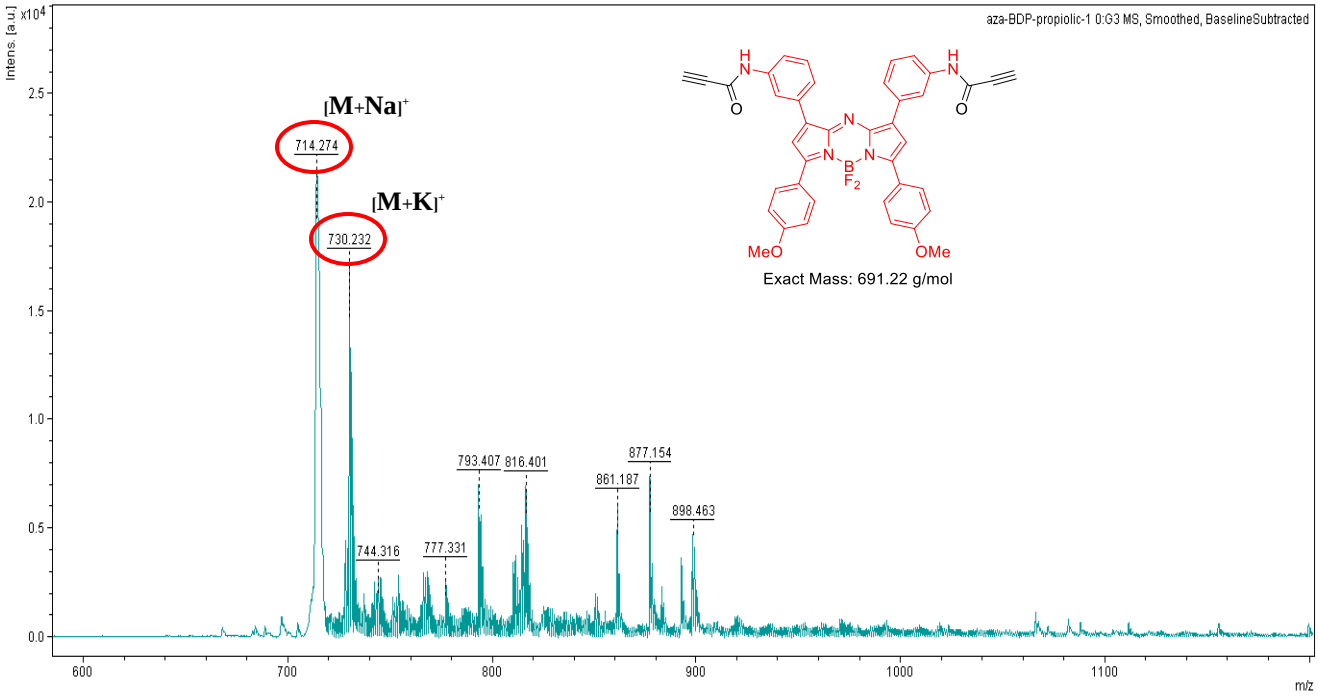
Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.3 Bar
Focus	Not active			Set Dry Heater	180 ?C
Scan Begin	100 m/z	Set Capillary	4500 V	Set Dry Gas	4.0 l/min
Scan End	1500 m/z	Set End Plate Offset	-500 V	Set Divert Valve	Source

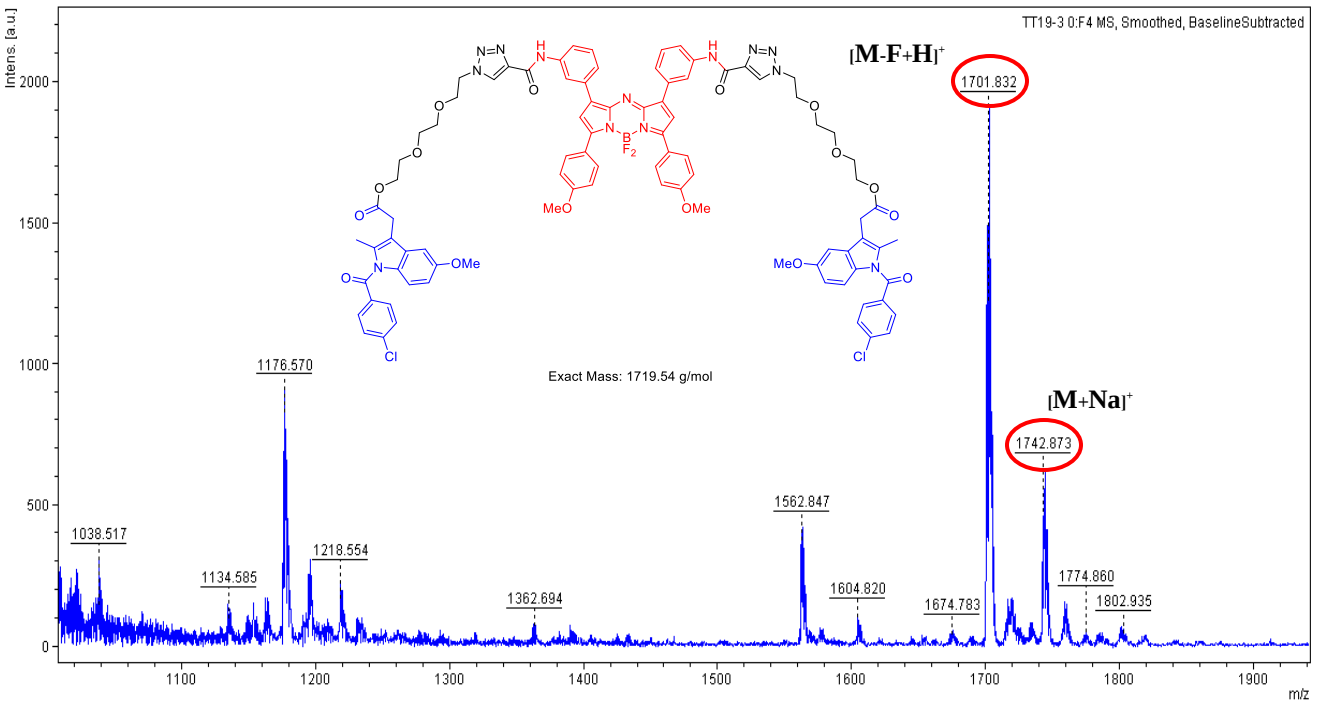


Bruker Daltonics DataAnalysis 3.4 printed: 11/27/2018 2:10:37 PM Page 1 of 1

ESI MS of compound **3**

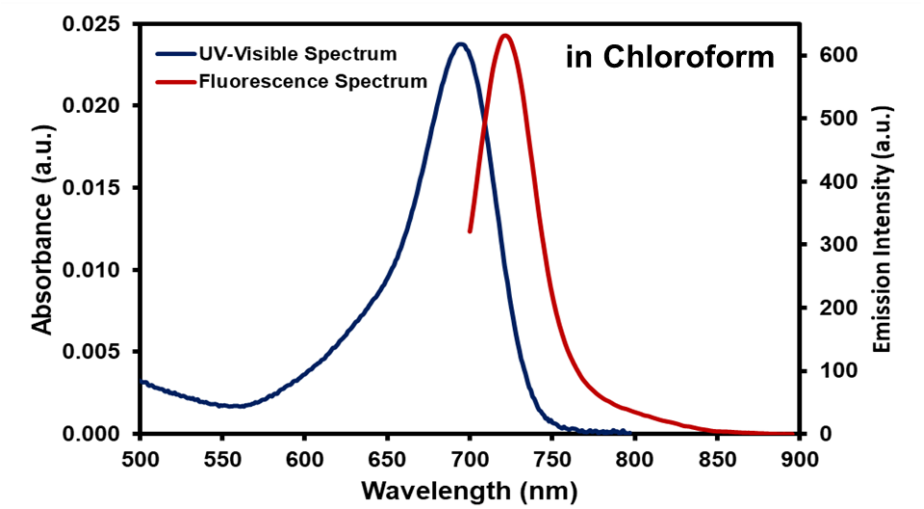


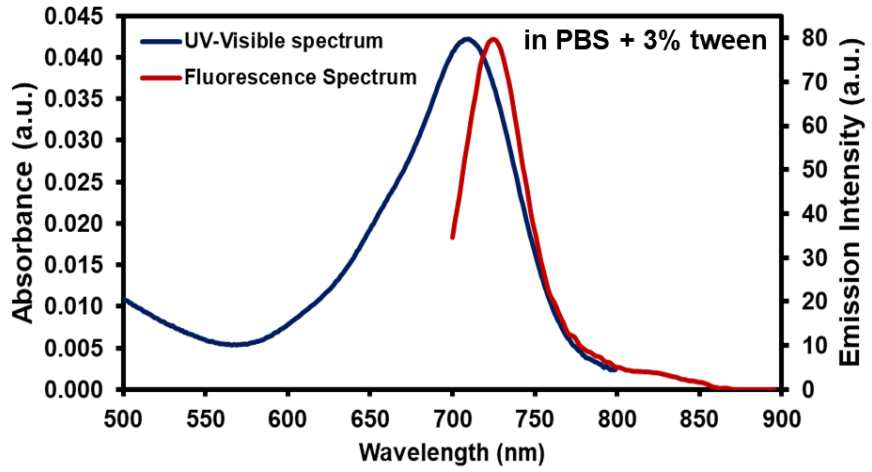
MALDI-TOF MS of compound **5**

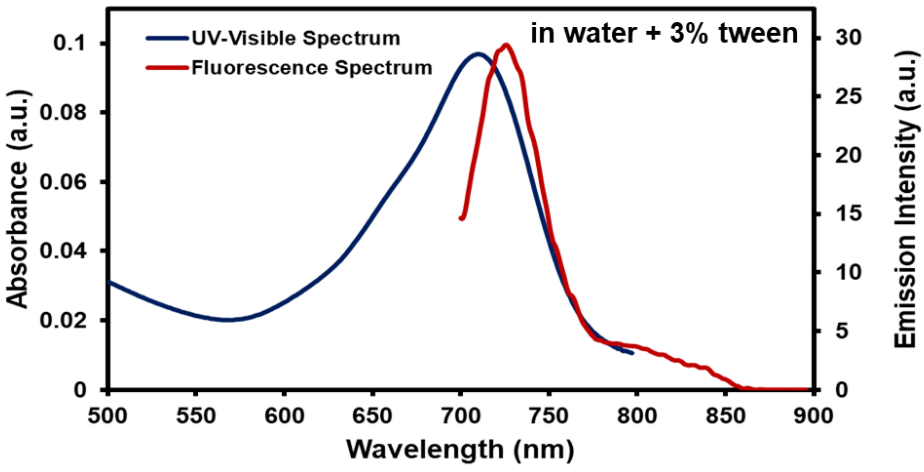


MALDI-TOF MS of **AZB-IMC$_2$**

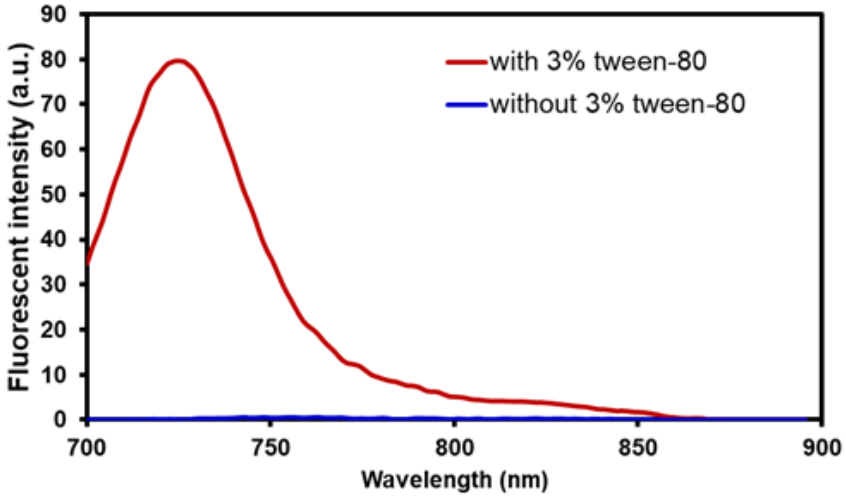
2. UV/Vis and fluorescence spectroscopic data of AZB-IMC$_2$ in various solvents



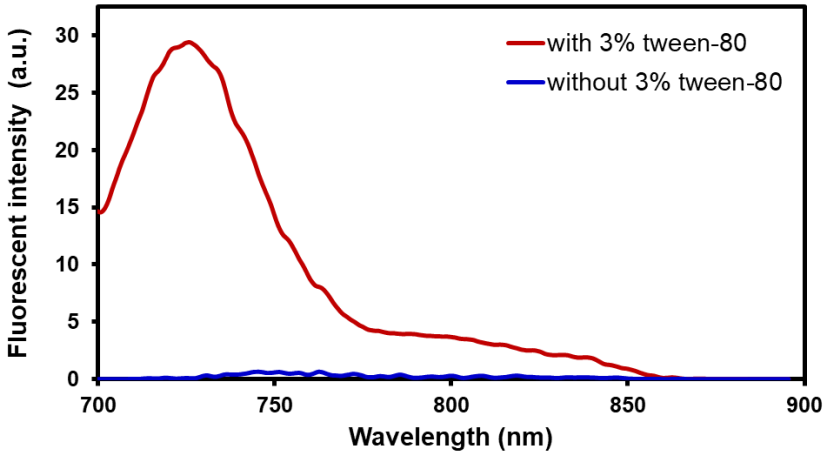




3. Fluorescence spectroscopic data of AZB-IMC$_2$ in aqueous with and without 3% tween-80



Fluorescent spectra of **AZB-IMC$_2$** (2.9 µM) excited at 670 nm in PBS solution with and without 3% tween-80



Fluorescent spectra of **AZB-IMC$_2$** (2.9 µM) excited at 670 nm in water with and without 3% tween-80