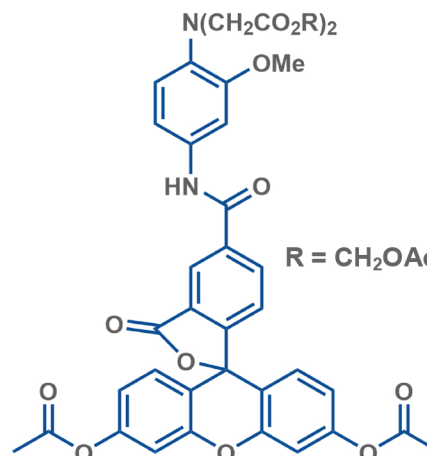


# Product Specifications

Catalog Number: 1381C | 1381F



## Thallos AM



### Description

CAS number	N/A
PubChem CID	N/A
Molecular Weight	840 g/mol
Solubility	DMSO

### Absorbance Spectrum

Agilent Cary 60 UV-VIS Spectrophotometer	
Solvent	pH 8 aq. NaHCO <sub>3</sub> solution
Absorbance max	494 ± 3 nm
Absorptivity Coefficient	69,000 ± 6900 M <sup>-1</sup> cm <sup>-1</sup>

### <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.	

### 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	≥ 95%
Single Quad MS Detector	ESI positive
Molecular Ion	842 ± 0.5 amu (MH <sup>+</sup> ) 864 ± 0.5 amu (MNa <sup>+</sup> )

### Fluorescence Spectrum

Horiba Jobin Yvon FluoroMax 4 Spectrofluorometer	
Solvent	pH 8 aq. NaHCO <sub>3</sub> solution
Excitation max	490 ± 3 nm
Emission max	515 ± 3 nm

### TLC

SiO <sub>2</sub> on Al backing with F <sub>254</sub>	
Solvent	1:1 Hexanes / Ethyl Acetate
R <sub>f</sub>	0.4