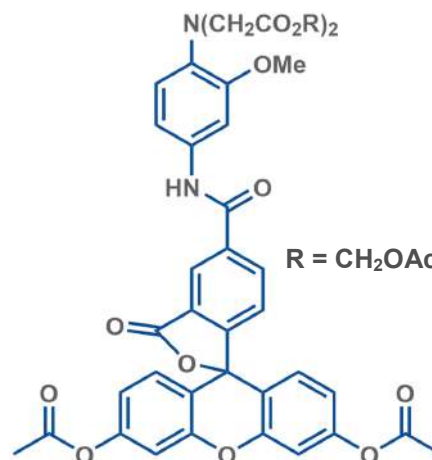


Catalog Number: 1381C | 1381F



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 ₃ solution
Absorbance max	494 ± 3 nm
Absorptivity Coefficient	69,000 ± 6900 M ⁻¹ cm ⁻¹

¹H 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 ₁₈
UV-Vis Diode Array Detector	254 nm
Purity	≥ 95%
Single Quad MS Detector	ESI positive
Molecular Ion	842 ± 0.5 amu (MH ⁺) 864 ± 0.5 amu (MNa ⁺)

Fluorescence Spectrum

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

TLC

SiO ₂ on Al backing with F ₂₅₄	
Solvent	1:1 Hexanes / Ethyl Acetate
R _f	0.4