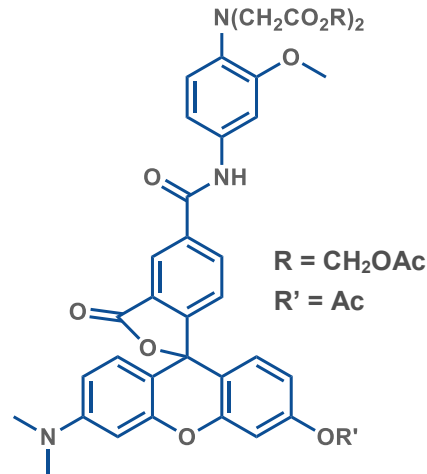


Thallos-Gold AM



Description	
CAS number	N/A
PubChem CID	N/A
Molecular Weight	826 g/mol
Solubility	DMSO

Absorbance Spectrum*	Agilent Cary 60 UV-VIS Spectrophotometer
Solvent	140mM KCl in MOPS
Absorbance max	522 ± 3 nm

¹ 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 150 mm, 2.7 μm C ₁₈
UV-Vis Diode Array Detector	254 nm
Purity	≥ 90%
Single Quad MS Detector	ESI positive
Molecular Ion	826.25 ± 0.5 amu (MH ⁺) 848.23 ± 0.5 amu (MNa ⁺) 413.63 ± 0.5 amu (MH ₂ ²⁺)

Fluorescence Spectrum*	Horiba Jobin Yvon FluoroMax 4 Spectrofluorometer
Solvent	140mM KCl in MOPS
Excitation max	522 ± 3 nm
Emission max	554 ± 3 nm

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