

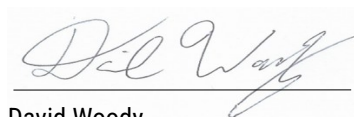


Thallos AM

Lot 10814a

Method	Specification	Analysis
LCMS	Agilent 1220 Infinity II	
Purity ¹	≥ 95%	98.91%
Molecular Ion ²	Common Peaks 841.2 ± 0.5 m/z [M+H] ⁺	Detected Peaks 841.4 m/z
Absorbance Spectrum	Agilent Cary 60 UV-VIS Spectrophotometer	
UV-Visible λ _{max} ³	495 ± 3 nm	495 nm
Fluorescence Spectrum	Horiba Jobin Yvon FluoroMax Plus Spectrofluorometer	
Excitation λ _{max} ³	494 ± 3 nm	493 nm
Emission λ _{max}	524 ± 3 nm	523 nm
¹H NMR Spectrum	Bruker Avance 400	
Peaks and Integrations	Conforms to Structure	Conforms
Cell Assay	BioTek Cytation 5 Cell Imaging Multi-mode Reader	
F/F ₀ post-stimulus in relevant biological assay	To Pass Test	Passes
Imaging Analysis	Observed fluorescence is intracellular with minimal extracellular fluorescence	Passes

¹Column: Phenomenex 00d-4251-E0 Luna C₁₈, 4.6 x 100 mm, 100Å, 3 μm, UV-Vis Diode Array Detector: 254 nm; ²Single Quad MS Detector: ESI Positive; ³Solvent: PBS, pH 7.4, with 1.5 mM TI₂SO₄, AM esters hydrolyzed to ion-sensing salt form prior to acquiring spectral data



David Woody

Quality Manager

30 Apr 2026