



SBFI AM

Lot 10413a

Method	Specification	Analysis
LCMS	Agilent 1220 Infinity II	
Purity*	≥ 90%	94.3 %
Molecular Ion	<i>Common Peaks</i> 1127.35 ± 0.5 m/z (MH ⁺) 1149.33 ± 0.5 m/z (MNa ⁺) 564.18 ± 0.5 m/z (MH ₂ ²⁺)	<i>Detected Peaks</i> 1127.7 m/z Not Detected 564.6 m/z
Absorbance Spectrum	Agilent Cary 60 UV-VIS Spectrophotometer	
Longest-Wavelength Absorbance Maximum**	333 ± 3 nm	333 nm
Fluorescence Spectrum	Horiba Jobin Yvon FluoroMax 4 Spectrofluorometer	
Excitation Max.; Emission Max.**	333 ± 3 nm; 516 ± 3 nm	333 nm; 515 nm
¹H NMR Spectrum	Bruker Avance 400	
Peaks and Integrations	Only relevant product peaks — with appropriate chemical shifts and peak integrations — and solvent peaks present	Confirmed
Cell Assay	BioTek Cytation 5 Imaging Reader	
F/F _{0, Stim} - F/F _{0, Ctrl} post-stimulus in relevant biological assay	≥ 0.05	0.13
<small>*Column: Agilent Infinity Lab Poroshell 120 EC-C18, 3.0 x 150 mm, 2.7 μm, UV-Vis Diode Array Detector: 254 nm, Single Positive; **solvent: 140mM NaCl in MOPS, AM esters hydrolyzed to ion-sensing salt form prior to acquiring spectral data</small>		

Approved by P. Rogelio Escamilla Mar 2022