

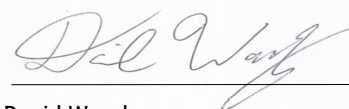


PBFI AM

Lot 10614a

| Method | Specification | Analysis |
|--|--|-------------------------|
| LCMS | Agilent 1220 Infinity II | |
| Purity ¹ | ≥ 90% | 95.2% |
| Molecular Ion ² | 1171.38 ± 0.5 m/z [MH] ⁺ 586.19 ± 0.5 m/z [MH ₂] ²⁺ | 1171.7 m/z 586.6 m/z |
| Absorbance Spectrum | Agilent Cary 60 UV-VIS Spectrophotometer | |
| UV-Visible λ _{max} ³ | 337 ± 3 nm | 337 nm |
| Fluorescence Spectrum | Horiba Jobin Yvon FluoroMax 4 Spectrofluorometer | |
| Excitation λ _{max} ³ Emission λ _{max} | 337 ± 3 nm 492 ± 3 nm | 337 nm 490 nm |
| ¹H NMR Spectrum | Bruker Avance 400 | |
| Peaks and Integrations | Conforms to Structure | Conforms |
| Cell Assay | BioTek Cytation 5 Imaging Reader | |
| F/F _{0, Ctrl} - F/F _{0, Stim} post-stimulus in relevant biological assay | ≥ 0.18 | 0.23 |

¹Column: Phenomenex 00d-4251-E0 Luna C₁₈, 4.6 x 100 mm, 3 μm, UV-Vis Diode Array Detector: 254 nm; ²Single Quad MS Detector: ESI Positive; ³Solvent: 140mM KCl in 10 mM MOPS pH 7.2, AM esters hydrolyzed to ion-sensing salt form prior to acquiring spectral data



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