

CERTIFICATE OF ANALYSIS

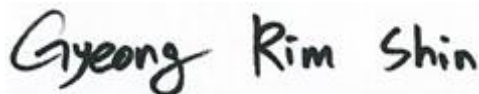
Product Identification

| | |
|---------------------------|-----------------------------------|
| Product Name | Flamma [®] 675 Hydrazide |
| Catalog Number | PWH1515 |
| Packing Unit | 1 mg |
| Appearance | Blue Solid |
| Storage Conditions | Protect from Light at -20 °C |
| Lot Number | ARD00042 |
| Molecular Weight | 958 g/mol |
| Soluble in | DMF |

Product Analysis

| | | |
|---|---------------|------------------------------------|
| Absorption * - Maximum | Lot Data | 674 nm |
| | Specification | 675 ± 3 nm |
| Emission * - Maximum | Lot Data | 690 nm |
| | Specification | 691 ± 4 nm |
| Extinction Coefficient * at 675 nm | Lot Data | 238,000 /cm·M |
| | Specification | ≥ 200,000 /cm·M |
| LC/MS - Identity | Lot Data | meets specification |
| | Specification | consistent with mass/fragmentation |

* Analytical Solvent : 10 mM Phosphate buffered saline, pH 7.4



Date of Issue : 30 Nov 2017

****For Research Use Only****

BioActs certifies on the date above that is an accurate record of the analysis of the subject lot, and that the data conform to all quality specifications.