

# CERTIFICATE OF ANALYSIS

## Product Identification

<b>Product Name</b>	Flamma ® 581 Hydrazide
<b>Catalog Number</b>	KWH1415
<b>Packing Unit</b>	1 mg / 5mg / 25mg
<b>Appearance</b>	Purple Solid
<b>Storage Conditions</b>	Protect from Light at -20 °C
<b>Lot Number</b>	ATD00093
<b>Molecular Weight</b>	933 g/mol
<b>Soluble in</b>	DMF

## Product Analysis

<b>Absorption * - Maximum</b>	Lot Data	578 nm
	Specification	578 ± 3 nm
<b>Emission * - Maximum</b>	Lot Data	593 nm
	Specification	593 ± 4 nm
<b>Extinction Coefficient * at 494 nm</b>	Lot Data	181,000M /cm · M
	Specification	≥ 129,000 /cm · M
<b>LC/MS - Identity</b>	Lot Data	meets specification
	Specification	consistent with mass/fragmentation

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



Date of Issue : 22 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.