

CERTIFICATE OF ANALYSIS

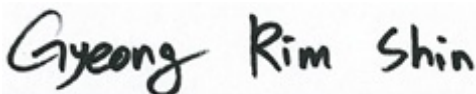
Product Identification

Product Name	Flamma® 552NA NHS ester
Catalog Number	PNS1122
Appearance	Red Solid
Storage Conditions	Protect from Light at -20 °C
Lot Number	ASF00089
Molecular Weight	555 g/mol
Soluble in	DMF, DMSO

Product Analysis

NMR	Lot Data	meets specification
	Specification	consistent with structure
HPLC - Purity	Lot Data	95%
	Specification	≥ 90%
LC/MS - Identity	Lot Data	meets specification
	Specification	consistent with mass/fragmentation
Absorption * - Maximum	Lot Data	553 nm
	Specification	553 ± 3 nm
Emission * - Maximum	Lot Data	570 nm
	Specification	570 ± 4 nm
Extinction Coefficient * at 553 nm	Lot Data	94,000 /cm·M
	Specification	≥ 87,000 /cm·M

* Analytical Solvent : Dimethyl sulfoxide



Date of Issue : 18 Jan 2019

****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.