

CERTIFICATE OF ANALYSIS

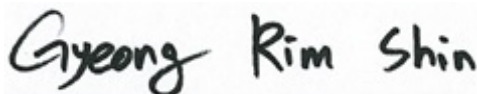
Product Identification

Product Name	TAMRA PEG4-Alkyne
Catalog Number	KWG1025
Appearance	Red Solid
Storage Conditions	Protect from Light at -20 °C
Lot Number	ATD00007
Molecular Weight	646 g/mol
Soluble in	DMF

Product Analysis

Absorption * - Maximum	Lot Data	543 nm
	Specification	543 ± 3 nm
Emission * - Maximum	Lot Data	572 nm
	Specification	575 ± 4 nm
Extinction Coefficient * at 543 nm	Lot Data	137,000 /cm·M
	Specification	≥ 83,000 /cm·M
LC/MS - Identity	Lot Data	meets specification
	Specification	consistent with mass/fragmentation

* Analytical Solvent : Methanol



Date of Issue : 11 Feb 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.