

# CERTIFICATE OF ANALYSIS

## Product Identification

Product Name	FSD Fluor™ 800 NHS ester
Catalog Number	POSC1803
Appearance	Green Liquid
Storage Conditions	Protect from Light at -20 °C
Lot Number	AVF00033
Molecular Weight	1399 g/mol
Concentration	10 mg/mL
Stock Solvent	DMF

## Product Analysis

Absorption * - Maximum	Lot Data	776 nm
	Specification	777 ± 3 nm
Emission * - Maximum	Lot Data	795 nm
	Specification	792 ± 4 nm
Extinction Coefficient * at 777 nm	Lot Data	246,000 /cm·M
	Specification	≥ 218,000 /cm·M
LC/MS - Identity	Lot Data	meets specification
	Specification	consistent with mass/fragmentation

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

Nuri Choi

Date of Issue : 10 Jun 2021

\*\*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.