Certificate of Analysis

Reference Material & Standard

Product Name: 2-[3-[3-[6-[[2,5-Dioxopyrrolidin-1-yl]oxy]-6-oxohexyl]-1,1-dimethyl-6,8-disulfo-1,3-dihydro-2H-benzo[e]indol-2-ylidene]prop-1-en-1-yl]-3-ethyl-1,1-dimethyl-6-sulfo-1H-benzo[e]indol-3-ium-8-sulfonate

Synonyms: N/A

CAS Number: 871518-83-1

Molecular Formula: $C_{41}H_{46}N_3O_{14}S_4$

Molecular Weight: 989.10

Catalogue Number: C1571245

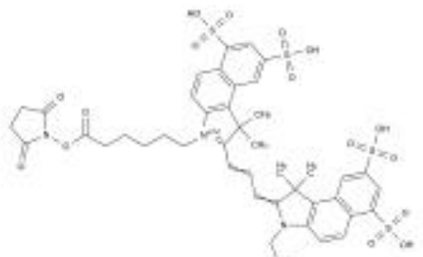
Lot Number: 1214-5A-7135

Expiry Date: Dec 13, 28

Storage: 2°C – 8°C Protected from light and Sealed

Warning:

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Solid
Identification:	LC&HNMR	Confirmed
Purity:	HPLC	98.071%

CATO Research Chemicals Inc.

Signature:

Prepared by: Lisa Date: Dec 14, 24

Reviewed by: Yuki Date: Dec 14, 24

Approved by General Manager: David Date: Dec 14, 24

CATO Research Chemicals Inc.

Directions:

1. Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.

2. Minimum sample size: 1mg is recommended as the minimum sample size.

3. Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.

4. Instructions for handling and correct use: Handling in a well-ventilated place.

Document Version:

Revision No.	Date	Reason for Revision
01	Dec 14, 24	First release.

CATO Research Chemicals Inc.