

## CERTIFICATE OF ANALYSIS

**DLin-KC2-DMA**

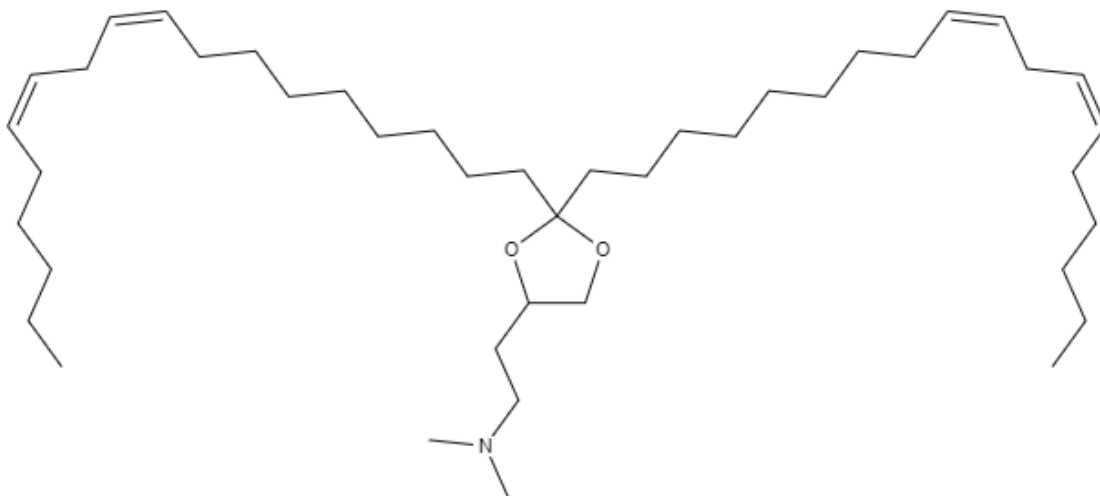
**Cat #: orb1308377**

### PRODUCT INFORMATION

Chemical Name: DLin-KC2-DMA  
Cat. Number: orb1308377  
CAS Number: 1190197-97-7  
Batch Number: R2455  
Inspection Date: 2023-05-09

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>43</sub>H<sub>79</sub>NO<sub>2</sub>  
Molecular Weight: 642.09  
Appearance: Liquid  
Storage: store at low temperature  
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## ANALYTICAL DATA

HPLC: **Consistent with structure**

Sample Name 228209

Method Filename: F0.6-4 ELSD.lcm

Batch Filename : 4.lcb

Vial # : 1-76

Injection Volume: 1.5uL

Date Acquired : 2023/5/10 11:32:24

Acquired by : System Administrator

FLOW RATE : 0.6ml/min

COLUMN : ACE C18 50\*2.1 2um

COLUMN TEMPERATURE 30

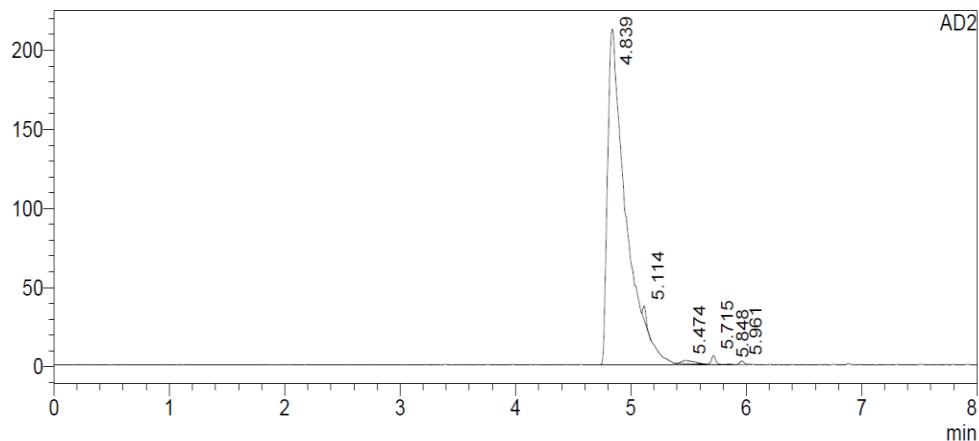
GRADIENT PROGRAMME :

TIME(MIN) MOBILE PHASE-A(H<sub>2</sub>O+0.1TFA) MOBILE PHASE-B(CH<sub>3</sub>CN+0.1TFA)

|   |     |      |
|---|-----|------|
| 0 | 95% | 5%   |
| 6 | 0%  | 100% |
| 8 | 0%  | 100% |

### <Chromatogram>

mV



### <Peak Table> AD2

| Peak# | Ret. Time | Area    | Height | Area%   |
|-------|-----------|---------|--------|---------|
| 1     | 4.839     | 2336379 | 211875 | 97.740  |
| 2     | 5.114     | 14647   | 8665   | 0.613   |
| 3     | 5.474     | 15212   | 2047   | 0.636   |
| 4     | 5.715     | 16411   | 5715   | 0.687   |
| 5     | 5.848     | 1686    | 570    | 0.071   |
| 6     | 5.961     | 6073    | 2256   | 0.254   |
| Total |           | 2390408 | 231128 | 100.000 |

HNMR: Consistent with structure

