

# Certificate of Analysis



**Product Name:** TCO-NHS Ester  
**Catalog Number:** CCT-1016  
**Lot Number:** 5583B  
**Manufacturing date:** 27 NOV 2023  
**Retest date:** 27 NOV 2028  
**Manufacturer:** Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

| Assay              | Lot Data    | Specification                |
|--------------------|-------------|------------------------------|
| Appearance         | White Solid | White solid                  |
| Purity             |             |                              |
| HPLC, ELSD         | 100%        | ≥ 95%                        |
| HPLC, 210 nm       | 97.8%       | ≥ 95%                        |
| <sup>1</sup> H NMR | Confirms    | In accordance with structure |

Quality Assurance *Alexandra Kulyashova*

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Date: 27 NOV 2023

*Vector Laboratories certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.*