



CERTIFICATE OF ANALYSIS

Catalog Number	C049
Product Name	NBD C ₆ -ceramide, [6-((N-(7-Nitrobenz-2-oxa-1,3-diazol-4-yl)amino)-caproyl) sphingosine]
CAS Number	86701-10-2
Molecular Formula	C ₃₀ H ₄₉ N ₅ O ₆
Molecular Weight	575.75
Appearance	orange solid
Lot Number	AB3040

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	466 nm 23,600 cm ⁻¹ M ⁻¹	466 ± 4 nm 22,500 ± 2,000 cm ⁻¹ M ⁻¹
Fluorescence ¹ Emission Maximum	537 nm	534 ± 4 nm
TLC Purity	92 %	≥ 90 %
NMR Result	meets specification	consistent with structure

1. Solvent: Methanol.