CERTIFICATE of ANALYSIS

Lipid A-11

An ionizable cationic lipid

*Item No. 46327 * Batch No. 0824240*

Purity Specification: ≥98%

Molecular formula: C55H100N2O14

CAS number: **2996998-09-3** **Formula weight:** **1013.41** **Expiration date:** **28JUL2030**

Overview

Tests	Results
HPLC	Purity: 99.6 %
Mass Spec	M+H: 1013.4 M+Na: 1035.4
NMR	Conforms

Reviewed and approved by: Ryan Seiffert



WARNING
THIS PRODUCT IS FOR RESEARCH USE - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE. IT IS THE RESPONSIBILITY OF THE PURCHASER TO DETERMINE SUITABILITY FOR OTHER APPLICATIONS.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

WARRANTY AND LIMITATION OF REMEDY
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CAYMAN CHEMICAL
1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA
PHONE: [800] 364-9897
[734] 971-3335
FAX: [734] 971-3640
CUSTSERV@CAYMANCHEM.COM
WWW.CAYMANCHEM.COM