PRODUCT INFORMATION

LipidLaunch™ FDA-Approved Ionizable Lipid LNP Screening Set

Item No. 46849

The LipidLaunch™ FDA-Approved Ionizable Lipid LNP Screening Set includes three FDA-approved excipients to screen for use in lipid nanoparticle (LNP) formulations. Each lipid in the set is supplied in a vial containing 1 g of lipid formulated at 100 mg/ml in ethanol for ease of addition to lipid mixes for LNP formulation. Lipids selected for this screening set include SM-102 (Item No. 33474), ALC-0315 (Item No. 34337), and DLin-MC3-DMA (Item No. 34364), which are commonly used in nucleic acid-cargo LNPs. LNPs containing these lipids in combination with a sterol lipid, a phospholipid, and a PEGylated lipid have been used to encapsulate mRNA, plasmid DNA, siRNA, and other nucleic acid cargo for intracellular delivery. For more information, please see Cayman's LNP guide: Lipid Nanoparticle Formulation: Basic Concepts & Preparation Procedures.

Contents of LipidLaunch™ FDA-Approved Ionizable Lipid LNP Screening Set

Item No.	Item Name	Size
33474	SM-102	1 g
34364	DLin-MC3-DMA	1 g
34337	ALC-0315	1 g

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

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
Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

Copyright Cayman Chemical Company, 10/20/2026

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