

Certificate of Analysis

www.tocris.com

Product Name: LipoLIVE™ Deep Red Non-Toxic Dye

Catalog No.: 9042

Batch No.: 1

1. PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance:	Light blue solution
Solubility:	Soluble in DMSO (supplied pre-dissolved in DMSO, 1000x)
Storage:	Store at -20°C

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

bio-techne.com
info@bio-techne.com
techsupport@bio-techne.com

North America
Tel: (800) 343 7475

China
info.cn@bio-techne.com
Tel: +86 (21) 52380373

Europe Middle East Africa
Tel: +44 (0)1235 529449

Rest of World
www.tocris.com/distributors
Tel: +1 612 379 2956

Product Name: LipoLIVE™ Deep Red Non-Toxic Dye

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Description:

LipoLIVE™ Deep Red Non-Toxic Dye is a ready-to-use fluorescent probe for the real-time visualization of lipid droplet and neutral lipids in living cells. Unlike traditional dyes that require cell fixation or affect cell health, LipoLIVE™ Deep Red Non-Toxic Dye maintains the physiological integrity of models, enabling the monitoring of lipid synthesis, storage, and mobilization. Designed for high-content screening (HCS) workflows, it offers exceptional signal-to-noise ratios and photostability, making it the ideal partner for MASH, neurodegeneration, and oncology studies. Allow wash-free imaging. LipoLIVE™ Deep Red Non-Toxi... Please see product specific page on www.tocris.com for full description.

Physical and Chemical Properties:

Physical Appearance: Light blue solution

Storage: Store at -20°C

CAUTION - This product is light sensitive and we recommend that the solid material and any solutions obtained are protected from exposure to light.

Solubility & Usage Info:

Soluble in DMSO (supplied pre-dissolved in DMSO, 1000x)

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. *Unless contradicted by product-specific protocols or instructions, our standard recommendations apply:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

Licensing Information:

Sold under license from Saguaro Biosciences

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