

Certificate of Analysis

www.tocris.com

Product Name: NucleoLIVE™ Non-Toxic Dye

Catalog No.: 8935

Batch No.: 1

1. PHYSICAL AND CHEMICAL PROPERTIES

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

2. ANALYTICAL DATA

HPLC:	Shows 98.2% purity
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Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Product Name: NucleoLIVE™ Non-Toxic Dye

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Description:

NucleoLIVE™ Non-Toxic Dye is a ready-to-use fluorescent nuclear stain for live cell imaging. NucleoLIVE™ Non-Toxic Dye is highly suited for long term 2D and 3D cell organoids imaging. Able to multiplex with Live-dead stain for multiplexed phenotypic imaging. NucleoLIVE™ Non-Toxic Dye is suitable for monitoring precise tracking of cell proliferation, differentiation, and responses to stimuli over time. Allow wash-free imaging. NucleoLIVE™ Non-Toxic Dye is provided as 50 µL of 1000x concentrate in DMSO. Excitation and emission maxima (λ) are 568 nm and 590 nm, respectively. Please refer to this protocol for further... Please see product specific page on www.tocris.com for full description.

Physical and Chemical Properties:

Physical Appearance: Pink solution

Minimum Purity: ≥90%

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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