

Certificate of Analysis

www.tocris.com

Product Name: NucleoLIVE™ Blue Non-Toxic Dye

Catalog No.: 9011

Batch No.: 1

1. PHYSICAL AND CHEMICAL PROPERTIES

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

2. ANALYTICAL DATA

HPLC:	Shows 99.5% 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™ Blue Non-Toxic Dye

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Description:

NucleoLIVE™ Blue Non-Toxic Dye is a ready-to-use fluorescent probe for long term high content nuclear imaging in live cells. NucleoLIVE™ Blue, is the same as the original NucleoLIVE™ Red, but with different spectral properties, allowing compatibility with ChromaLIVE™ non-toxic nuclear dye. Ideal for long term 2D and 3D cell organoids high-content imaging and real-time cell viability assays. NucleoLIVE™ Blue Non-Toxic Dye facilitates cell counting to accurately quantify cell toxicity, viability, and morphology by fluorescence on the blue channel, and can be used to generate growth curves to quantify drug effects o... Please see product specific page on www.tocris.com for full description.

Physical and Chemical Properties:

Physical Appearance: Colourless 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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