

Certificate of Analysis

www.tocris.com

Product Name: MortaLIVE™ Non-Toxic Dye

Catalog No.: 8936

Batch No.: 4

1. PHYSICAL AND CHEMICAL PROPERTIES

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

2. ANALYTICAL DATA

HPLC:	Shows 95.0% purity
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Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Product Name: MortaLIVE™ Non-Toxic Dye

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Description:

MortaLIVE™ Non-Toxic Dye is a ready-to-use dual-color fluorescent live-dead cell stain for long term live-cell imaging. It can be used for toxicity assays and for tracking cell viability and cytotoxicity in real time by cell imaging. The live cell channel has an excitation maximum (λ) of 640 nm, while the dead cell channel has an excitation maximum (λ) of 488 nm. This dual-color format allows continuous, non toxic tracking of cell health over extended imaging periods without the need for endpoint staining. MortaLIVE™ Non-Toxic Dye is provided as 50 μ L of a 1000x concentrate in DMSO. Please refer to this protocol f... Please see product specific page on www.tocris.com for full description.

Physical and Chemical Properties:

Physical Appearance: Blue solution

Minimum Purity: $\geq 90\%$

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 $45-60^{\circ}\text{C}$ 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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