

## Trypan Blue, sodium salt \*CAS 72-57-1\*

Catalog number: 2450

Unit size: 100 g

Component	Storage	Amount
Trypan Blue, sodium salt *CAS 72-57-1*	Room temperature, Minimize light exposure	100 g

### OVERVIEW

Trypan blue, a diazo dye is a vital stain that colors dead tissues or cells blue. Live cells or tissues with intact cell membranes are not be colored. Since cells are very selective in the compounds that pass through the membrane, in a viable cell trypan blue is not absorbed; however, it traverses the membrane in a dead cell. Hence, dead cells are shown as a distinctive blue color under a microscope. Trypan blue is commonly used in microscopy (for cell counting) and in laboratory mice for assessment of tissue viability. The method cannot distinguish between necrotic and apoptotic cells. It is also useful to observe hyphae of fungi and Stramenopiles.

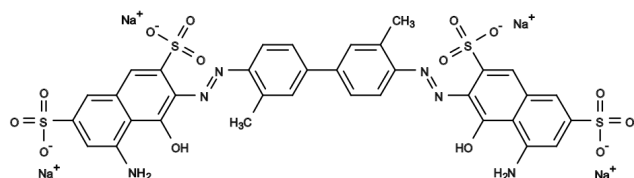
### AT A GLANCE

**Important** It is important to store at room temperature.

It can be used within 6 months from the date of receipt.

Cat. #	Product Name	Unit Size
2450	Trypan Blue, sodium salt *Cell culture tested*	100 g
2452	Trypan Blue, sodium salt *UltraPure grade* *Purified to eliminate fluorescent impurities*	10 g
2455	Trypan UltraBlue™, sodium salt *0.1 M aqueous solution*	1 mL
2456	Trypan Red Plus™ *0.1 M aqueous solution*	10 mL
2457	Trypan Red Plus™ *0.1 M aqueous solution*	100 mL
2465	Trypan Purple™ *0.1 M aqueous solution*	10 mL
2466	Trypan Purple™ *0.1 M aqueous solution*	100 mL

### EXAMPLE DATA ANALYSIS AND FIGURES



**Figure 1.** Chemical structure for Trypan Blue, sodium salt \*CAS 72-57-1\*

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