

Trypan Blue

Cat. No. DYE-191 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Description

Trypan Blue is an azo based, hydrophilic, tetrasulfonated blue acid dye widely utilized for assessing cell viability. As an easy method to determining the viability of cells, Trypan Blue will stain dead cells with permeable membranes blue, while the dye is excluded by most living cells and their intact membranes thereby allowing visual determination of living versus dead cells. Although Trypan Blue is predominately used for assessing cell viability of cultured cells, other applications for this dye have been reported. In rat abdominal organ slices Trypan Blue has been utilized to determine cell viability as well as islet cell cluster cell viability from caprine pancreatic samples.

CAS number

72-57-1

Molecular Mass

960.81

Formula

C₃₄H₂₄N₆O₁₄S₄Na₄

Ex(nm)

607

Solvent

Water

Storage

Store at -20°C in the dark. Dessicated.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA