



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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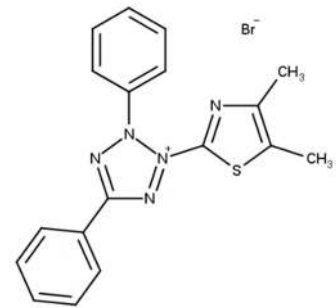
[www.szabo-scandic.com](http://www.szabo-scandic.com)

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## Thiazolyl blue tetrazolium bromide (MTT)

**Catalog No:** 15655  
**Lot No:** XXXXX  
**Cas No:** 298-93-1  
**Formula:** C<sub>18</sub>H<sub>16</sub>BrN<sub>5</sub>S  
**MW:** 414.33  
**Supplied as:** solid  
**Stability:** store at 4°C



### Background

MTT, a yellow tetrazole, is reduced to purple formazan in living cells. A solubilization solution (usually either dimethyl sulfoxide, an acidified ethanol solution, or a solution of the detergent sodium dodecyl sulfate in diluted hydrochloric acid) is added to dissolve the insoluble purple formazan product into a colored solution. The absorbance of this colored solution can be quantified by measuring at a certain wavelength (usually between 500 and 600 nm) by a spectrophotometer. The degree of light absorption depends on the solvent.

### Tests

**Purity (titr.):**

**Melting point:**

**Specific extinction E (1%/1 cm):**

**Abs. max. (in H<sub>2</sub>O)**

### Specifications

≥98.0%

192 – 210°C

min. 480

239.0 – 247.0 nm

### Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.