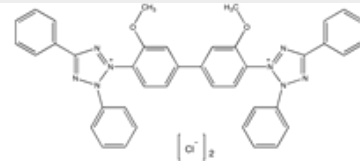


## Blue tetrazolium, for microscopy

**Identification**

$C_{40}H_{32}Cl_2N_8O_2$   
M = 727,66 g/mol  
CAS [1871-22-3]  
EC number: 217-488-8  
Taric code: 2933 99 90

**Synonyms**

3,3'-(3,3'-Dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis[2,5-diphenyl-2H-tetrazolium] dichloride

**Applications**

microscopy (dye), for histology.

**Specifications**

Absorption maximum  $\lambda$  (in methanol)..... 250 - 255 nm  
Absorptivity (A1%/1 cm;  $\lambda$ , 0,001%;

methanol, referred to dried sample)..... 700  
suitability for microscopy..... passes test  
loss on drying (110 °C)..... max. 3 %

**Physical data**

- Bulk density: ~ 490 kg/m<sup>3</sup>
- Solub. in water: (20 °C): ~ 3 g/l
- Melting point: 245 - 247 °C
- pH(3 g/l H<sub>2</sub>O, 20 °C) 3,7

**Safety - GHS**

**Signal Word:** Danger

**Hazard Statements:**

H350: May cause cancer.

**Precautionary Statements:**

- P280: Wear protective gloves / protective clothing / eye protection / face protection.  
P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
P308+P313: IF exposed or concerned: Get medical advice / attention.  
P405: Store locked up.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- 5°C - 30°C