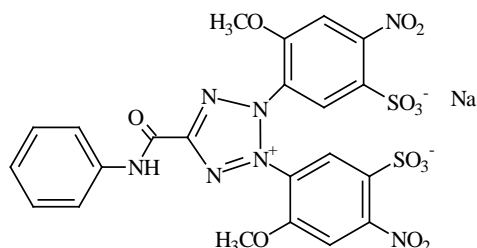


## PRODUCT AND SAFETY DATA SHEET

**PRODUCT NAME:** XTT**CATALOG #:** 10060**MOLECULAR INFORMATION:** C<sub>22</sub>H<sub>12</sub>N<sub>7</sub>NaO<sub>13</sub>S<sub>2</sub>  
Mwt: 675  
[111072-31-2]**PROPERTIES:**

<b>Color &amp; Form</b>	Pale yellow solid
<b>Purity</b>	> 90%
<b>Solubility</b>	Soluble in water.

**STORAGE AND HANDLING:** Store desiccated at 4 °C.**APPLICATION:** A tetrazolium derivative used widely in cell viability and proliferation testing. The material is readily reduced in viable cells to a highly water-soluble orange colored product ( $\lambda = 475$  nm). Applications of the reagent include studies of : antifungal susceptibility,<sup>1</sup> drug sensitivity of cells,<sup>2</sup> parasitic nematode viability<sup>3</sup> and tumor cell cytotoxicity.<sup>4</sup>Ref.: 1) *Antimicro Agents Chemother.* **36**, 1619(1992); 2) *Cancer Res.* **48**, 4827(1988); 3) *Parasitology* **107**, 175(1993); 4) *J. Immunol. Meth.* **147**, 153(1992).**TOXICITY** Unknown

<b>FIRST AID:</b>	Potentially harmful. Avoid prolonged or repeated exposure. Avoid getting in eyes, on skin, or on clothing. Wash thoroughly after handling. If eye or skin contact occurs, wash affected areas with plenty of water for 15 minutes and seek medical advice. In case of inhaling or swallowing, move individual to fresh air and seek medical advice immediately.
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<b>Disclaimer:</b> <i>Materials from Biotium are sold for research use only, and are not intended for food, drug, household, or cosmetic use. Biotium is not liable for any damage resulting from handling or contact with this product.</i>
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