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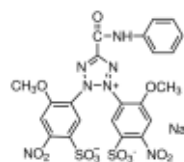
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## Product Specification

Product Name:  
XTT sodium salt - powder, BioReagent, suitable for cell culture

Product Number: **X4626**  
CAS Number: 111072-31-2  
MDL: MFCD00083517  
Formula: C<sub>22</sub>H<sub>16</sub>N<sub>7</sub>NaO<sub>13</sub>S<sub>2</sub>  
Formula Weight: 673.52 g/mol  
Storage Temperature: 2 - 8 °C



### TEST

### Specification

|                             |                             |
|-----------------------------|-----------------------------|
| Toxicity Test               | Pass                        |
| Appearance (Color)          | Faint Yellow to Dark Yellow |
| Appearance (Form)           | Powder                      |
| Water (by Karl Fischer)     | ≤ 15 %                      |
| Carbon (anhydrous)          | 37.5 - 41.0 %               |
| Nitrogen (anhydrous)        | 13.8 - 15.3 %               |
| Sodium (Na) anhydrous       | 2.5 - 4.0 %                 |
| Purity (HPLC)               | ≥ 90 %                      |
| <sup>1</sup> H NMR Spectrum | Conforms to Structure       |

Specification: PRD.3.ZQ5.10000045913

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.