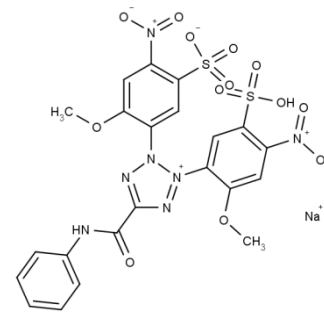


XTT, sodium salt

Catalog No:	52629
Lot No:	XXXXX
Cas No:	111072-31-2
Formula:	$C_{22}H_{16}N_7O_{13}S_2 \cdot Na$
MW:	673.50
Supplied as:	solid
Stability:	store at 4°C



Background

XTT is a tetrazolium salt, similar to MTT. Upon enzymatic treatment, the water-insoluble formazan is formed. While the cytotoxic MTT has to be dissolved in DMSO, XTT is water-soluble and not toxic itself. XTT is used e. g. for the screening of anti-HIV drugs, cytotoxicity tests, quantification of TNF-alpha in bioassays or determination of cell damage in fungi, e. g. by antimycotics.

Tests

Appearance:

$\lambda_{max.}$:

E (1%/1 cm/285 nm):

Water:

Specifications

yellowish to yellow fine powder

283 – 287 nm

14,800 – 16,800

≤15%

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.

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