



XTT sodium salt

XTT sodium salt is used for identifying metabolic activity within cells through colormetric assay. The metabolic activity of cells reduces XTT sodium salt to an orange color formazan dye by dehydrogenase enzymes. Dye conversion will only occur in viable cells. Since the reduction of XTT takes place by electron transport from outside the cell, the use of an intermediate electron acceptor, such as phenazine methosulfate (PMS) is usually required to perform a cell proliferation assay. XTT sodium salt is similar to MTT tetrazolium; however, it offers advantages such as water solubility, low toxicity and higher sensitivity.

CAS: 111072-31-2

Mol. Formula: C₂₂H₁₆N₇O₁₃S₂•Na

Mol. Weight: 673.52

Solubility: 1mg/mL in water

Catalog No.	520026
Size	25mg
Product Category	Cell Detection
Storage/Stability	2 ~ 8°C/3 years
Shipping	Ambient