



TTC (2,3,5-Triphenyltetrazolium Chloride)

2,3,5-Triphenyltetrazolium chloride (TTC) is an azole used as a dye in cell biological studies to detect ischemic infarction in mammalian tissues. TTC is a proton acceptor of the pyridine-nucleoside structural enzyme system in the respiratory chain, which can react with dehydrogenase in normal tissues and turn red. The dehydrogenase in normal brain tissue and living cells of viable seed embryo tissue can reduce TTC to insoluble red stable triphenylformazan (TTF).

CAS: 298-96-4

Mol. Formula: C₁₉H₁₅ClN₄

Mol. Weight: 334.81

Solubility: 1mg/mL in water

Catalog No.	520026
Size	10g / 25g
Product Category	Cell Detection
Storage/Stability	2 ~ 8°C/3 years
Shipping	Ambient